

<210> 24143
 <211> 250
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700908390H1

<400> 24143

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 tcgcagcaga agccgattag agtcccatct cgttgaagat aaagaagatg atggaggaga 120
 ggttgacaat ggagtagaat gcgaggagga atctgctgaa agtgatctgc attctataga 180
 gttaaataatg gacaacaaca agagttataa gtggacctac cctcctgaaa gcagatttga 240
 tacaagaaga 250

<210> 24144
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908391H1

<400> 24144

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 ggaagatggt cctctcttgg atctcatgac tgagctcctt cgtcgtctca agtgctcttc 120
 caaacctgac aagcgtctta ttctcattgg cccaccttga tctggaaaag gcacccagtc 180
 accaatcata aaagatgagt actgcttatg ccacttagct actggtgata tgtaagagc 240
 agctgtagc 249

<210> 24145
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908394H1

<400> 24145

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tttctactcc gccacgccct acgacattgt tcgtcgtaac cctctcttcg ttccacttag 120
 gaagagaaaa gggtttggtt ggatatggaa ggtgacgagc acatgaacga ggttccatca 180
 gagaacagca acttgggaag tgattctttg gaaaaggaga acatttttga agatgaaaag 240
 gaggatttgc aag 253

<210> 24146
 <211> 256
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908402H1
 <400> 24146

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 agtcacctcg aggtaagcgt atgtctacga tcactgtctg tgtgacatcg aaggtaatca 120
 ctacactcac gctgctatca tcggccaaga cggcagcgtt tggcgcccag agtaccgact 180
 tccctcagtt caaacctgag gagataactg ccatacatgaa tgactttaat gagcctggat 240
 cacttgctcc aactgg 256

<210> 24147
 <211> 265
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908403H1
 <400> 24147

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 gccaggtct catcttctct cggcctccct tccccaaac cccaccaatt ctcaagtctca 120
 aacctcaccg atttcccttc tctcttcaca cacaccccca ctctccctt cgctccacc 180
 tccaaatggg cccggcccac cccaaagccc aacccaaagc ccctcctcaa aacctctcc 240
 gtctcagacc gcgcctcat cggcg 265

<210> 24148
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908404H1

<400> 24148

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aattccaaat catggctagc ttttcagttt tcacgtctta cattgttttg agtctagtga 120
tggcactagc aattagcggg ttcaatttca aaggggcaga ggcagcacgt gcctttctttg 180
tgtttggtga ttctctcggt gacaatggca acaacaacta cttacccacc acagctagag 240
ttctcgctcc accttatggc attga 265

<210> 24149

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700908405H1

<400> 24149

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tttcaaatac ttttacgggt gtgttttttg atgaatcaat tatcataaat aactcaataa 120
attgcaagca taaaatggga ggacatgaat taatgttgcg tttttaagtt ctgaggaaga 180
ggaattggtg attgaagaaa tggcagatgc agcgaagggt acctacagag cctcaagatg 240
gtcccttaac ggaatgactg ctct 264

<210> 24150

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700908407H1

<400> 24150

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attattactc tatagagtcc acccttgccc ttgtagtctc ctttatcata aatatatttg 120
taacaacagt gtttgctaag ggggttttatg gttctgaact tgcaaacagc attggccttg 180
taaagtctgg acagtatctt gaggagacat atgggggtgg actatttcca attttataca 240
tatgggggtat tggattatta gc 262

<210> 24151
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908366H1

<400> 24151

ccgattgata cacccttctt cgttcctcac tcaccagcca cggattctct cttctctatt 60
 cagtaaacgg ctgttttgta tacgagctgt cccgggtctca gcctctacat cccaaaacat 120
 caaaacaact ggttgggctc cttgtatggc ttcttctca gttggtagaa gagctacata 180
 ttcaacacaa tctgtatcga caaatgagcc agttgtatct gtagattggc tttatgataa 240
 cctgaagg 248

<210> 24152
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908332H1

<400> 24152

cttaacgttt tcatgggtat tcgcttttcg tcctcccagg cgggcgcgctc ggaatcgctc 60
 ccggcgctcga gtttgggcga attgcccag agttgtgtcg ctcagatcat gacctacatg 120
 gatccgcccc agatttgcaa gctcgcaacc ctcaatcgcg ctgttcgagg cgcttctctc 180
 gccgatttcg tctgggagtc caagctgccg cccaattacg acgtccttct ccgccgcac 240
 ttgcgcgatt tcccctccca ttg 264

<210> 24153
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908333H1

<400> 24153

ttgagaagtg gaggcactgt tgatatggag gatgaacttg tgggtaagga tcgctatata 60
 ggatccattg agagcctcat aaggaacaat attcaacaat ataagataga tatggccgat 120

gaggttatca atgctggacg tttcgatcaa aggacaacac atgaagagag gcgtttgacc 180
 ttagagacat tgttacatga tgaagaacgg tatcaagaaa atgtccatga tgttccttct 240
 cttcaggagg taa 253

<210> 24154
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908334H1

<400> 24154

attcaaggct ctgtttatgt ggggtactgga tgtgtcttta atagaacagc tttgtatggc 60
 tacgagcctc ctattaaacc caagcataaa aagcctgggt tgcttcttca ctctgtgggtg 120
 gtaaccgaaa gaagagatca aaatctagca agaaaggctc agacaagaaa aaatctagcg 180
 agaatgttga cccaactgtg cccatcttta gtcttgagga tatagaagag ggggtggaag 240
 gtgctggatt tgat 254

<210> 24155
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908335H1

<400> 24155

ctcttcgcaa tcttcttcgt ctctctccac aaagcacttt tgcgtttcgg tttgcttttc 60
 gtgctcatgg taattcctgt tgatgaaaag agcaaattcg gtcgaaaatt atccaggtac 120
 atatgcaagc acgtttgcgc ttactttccc atcacgcttc atgtggagga catgaaggcc 180
 tttcatccca atcgtgctta tgtttttggt tatgaaccac attcagtttt gccaatgga 240
 gttgttgctg t 251

<210> 24156
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908336H1

<400> 24156

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 ttatgtgttc tcttggttgc attgccaaac ttggctgtag tagagagtcg cagggctcct 120
 gttctggact attttgagta ttgtgctatg agctgcagag cttacagtgc ctcatggaa 180
 gaatttggag gggttgtga tggaacaact ttgaacacaa aagcttttca ggcagccata 240
 gatcatctga gtcag 255

<210> 24157

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700908338H1

<400> 24157

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 tctgttgatc ccagtgcct atgctgatcc cgccgatgag tactgggtgc tcatcgggtga 120
 ctgggttcggc aagagccaca ctgccttgaa acaaacattg gacagcggac gcagcattgg 180
 caggcccagt ggggtccaca tcaacggcaa gcgcggcggg ctcgaggccc tctacaccat 240
 ggagcccgga aa 252

<210> 24158

<211> 258

<212> DNA

<213> Glycine max

<223> Clone ID: 700908341H1

<400> 24158

cttccatatt catattattc gttccctac tgtgccccat caaagatata ggatagtga 60
 gaaaatcttg gggaagtact tcgtggtgac cgcattgaga attctctcta tgtgtttaaa 120
 atgcgcgagc cacaaatgtg caatattctg tgtaatctta aacttgatgc taaaactgct 180
 aaggagtcca aagagaagat cagtgatgag tatcgggtga acatgatcct agataacctt 240
 cctctagttt ttcccttg 258

<210> 24159

<211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908342H1

<400> 24159

atccaattga aatttttaaaa atgactggga taaacttaag aattcaatta ttgaaattga 60
 ataagtaaac aatttaattg gattgggtcga atgggtatcaa aaaaatggag tactaactcc 120
 catttcttat ttattattga attaaccgat caacttgctt tggtatcgaa catttctttt 180
 tgatttcaaa aattttccgg aaaaaatttg aatctatttt tatatgcgaa tcaatcctac 240
 tacttctggt cctga 255

<210> 24160
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908343H1

<400> 24160

cgccctccaa gcataaaatt tgcaggatta gacatttcca gcaacacttg aagtgggtcaa 60
 tcaatggcca tgaagccctc aacttcaca agtgggtctg gagagaagat tagaaagcct 120
 tatactatta ccaaacttag ggagagctgg tctgaggaag agcacgacaa gtttctcgaa 180
 gctcttcaac tatttgagca gtgattggaa gaaaattgaa gattttgttg gttcaaaatc 240
 agttattcag attagaag 258

<210> 24161
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908344H1

<400> 24161

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 aaggccggaa aaataaaaaa ggaataacaa aaatgtctgg aaaggtatt atctcggtcg 120
 tttctctcat cctggtggtt ggagtggcca taggtgtggt ggtggccgct aacaagaagg 180

gcgaggatcc cacacttcaa tctcaacaaa aatcagtagg gggtatctgc caaaacactg 240
atgaccagaa gctc 254

<210> 24162
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700908345H1

<400> 24162

atctctctcc ccaccatacc attacacatc accacctcct ccttccccag ctctgtctcc 60
caagtacatt tacaaatcac ctccacctcc gggtttatatac tatgtctccc cacctccacc 120
tatctacaag ttagctcaaa ttgtgaaagc accattcatg atgaatcatg ttctagtttt 180
catcgaggaa taaaggcaag ctctattttg agccaagtga aacatctatc ttctgtcta 240
agttctttga ataaaagtc 259

<210> 24163
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700908346H1

<400> 24163

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cttctctggat ttggcactac aatgaacatt ctctatgggg atgggtgtttg tggacaaggt 120
gatgtggact cgatgaacaa tatcgtttcc cattaccagt attatcttga ctttctaggt 180
gttggtcgag aacaggctgg gccccatgaa atccttacat gcgctgagca gggtcctttc 240
aaccatctt ccaaa 255

<210> 24164
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700908347H1

<400> 24164

cgcggttcctt ccggttcgaa ccaacgcca acaggggttca taacacctcc atttcattcc 60
 cttcttcgaa tcgctcaca ctaagaagtt ttgcagttaa aaatactgca aagtacggtt 120
 attccaatat tcttctccga aggcgtaatc tagcgcacga gtaagatgaa acggagaaaag 180
 cgcaccacag cgagagcaga aacgaagaag acagactgag cgacttacc gaatgcgttc 240
 tcctgcacat actaacatt 259

<210> 24165
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908348H1

<400> 24165
 cttttcttca agcttggttt cggaaaaaaa aaaacttaaa agagacaaaa aaaaaaaccc 60
 ctagaagcga agaagctgaa aaaaggctcc aaagatggat ttcaaaaact cttctcttct 120
 atgcctagct cttttccttg catgctcttc ggctattcgt gcatttggca tcacacaatt 180
 gctaggtcaa tatccagagt tttccacatt caacaaatac ctaaccgaaa ccaagcttgc 240
 agaccaatta aacagccgca a 261

<210> 24166
 <211> 81
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908349H1

<400> 24166
 ctcatgcatt cttaattaat gagttgagca atagcggtag ccaaactaag tcactacatt 60
 actaaagtag tactacatta a 81

<210> 24167
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908350H1

<400> 24167

atcttccttt catttttcaa taacgagaga gagagagaga aacgtagttc agttcaattc 60
aattcaccac tgtcattccc aaatccgata gcaacttcaa ttcttcttca tttttctctc 120
ttctctctct ctgacaacaa ttattttgtg gtgacaaact cactcaccgg agtagcttct 180
tcgcgtttcg ttccgtctcc cgaatccggt cgatttcctt ttgagggttt gaccgcgccg 240
acgccgatgt ct 252

<210> 24168
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700908352H1

<400> 24168
aatgcgttgt tgttggtgtt gttgtatact attttgccaa gagtcgcaca gatcgaattg 60
tttttaaact ctttggcaag gatccatctg attttcccct tcttatccga tcacagattc 120
tcaactgggt atcccacagt cccacggaga tcggagagct atataaggcc aggttgtata 180
atattgacga tatacctccg tcttgaaaaa tctgcatggg aggagctcta ctgtaatcta 240
ggatcaagct tgag 254

<210> 24169
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700908353H1

<400> 24169
ggctcgagcc gattcggctc gagctgcttt gccaccacct ttgaaaagca accacccttt 60
tgctgctaac tgcaatcgtc aacggcaaac agcacctaca aatttctaga cacaaacttt 120
tttcgcggtc gcatgatttt tcagaaaaga aaagctttta agccctcac tcatgcaatt 180
aacgtggaaa tatactgcaa gtttacattt cagtttcta tcaactgagat gtggagatat 240
agtatgatgc aaagtc 256

<210> 24170
<211> 252
<212> DNA

<213> Glycine max

<223> Clone ID: 700908355H1

<400> 24170

cttgcttttag ccatcactaa cactcagtct ctgaattggg gctgaggggt tcgagtaacg 60
 tttatttttc acgagtttaa gatatcatgg gtaaagagaa gggtcacatt aacattgtgg 120
 tcattggcca tgttgactct gggaagtcaa ccaccactgg ccacttgatt tacaagcttg 180
 gaggtattga caagcgtggt attgagaggt ttgagaaaga agctgctgag atgaacaaga 240
 ggtcattcaa at 252

<210> 24171

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700908356H1

<400> 24171

gtcgtcgctt ccatgacttt cctcagacag gtttggttc acggaaacca gttcagtggg 60
 acaattccac agaacattcg aaacaaaact tccttgacagg agctcaacct caatagcaat 120
 caacttggtg gtttgattcc agattccttg gcaaatatgg accttcagat actggtgttt 180
 aaataataac gggttcatgg gtccaatacc aaagttaaag gctgacaaag tatcttatga 240
 ttctaattta tt 252

<210> 24172

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700908359H1

<400> 24172

aaggcagaca aagatctcga tttcttgacg ttgggtcata tgacaagacc atccgcatct 60
 tatcacttga tcctgatgat tgtatgcagg ctctaagtgt acaaagcgtt tcttcagctc 120
 cagagtctct tcttttctt gaagttcaag catctgttgg cggtaggat ggtgcagatc 180
 atcctgctag ccttttcttg aacgccggct tacagaatgg tgtcatgttt agaactgtgg 240

tg gat atg gt tac

253

<210> 24173
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700908361H1

<400> 24173

ag ag ag cct g ct gct cctt c ac ag gct cct cc ag ct gct g ag g ct ga ac a t g t t c c t g a g 60
g ct c c a a a g g at g t g g c t g a g g a g a a t c t g t a a t t c c a g t g c t t c t t c t g a t g a c a a a 120
c c t g a t g a g t c c a a g g c t c t t g t c t t a g t t g a g a a g a c t c a a g a a g t t g c c g a a g t g a a a 180
c c a a c t g a g g g c t c t g t c a a c c g a g a t g c a g t g c t t g c a a g a g t t g c a a c t g a g a a g a g a 240
t t g t c a c t a a t c a a a g 256

<210> 24174
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700908363H1

<400> 24174

g c a a g g a c g a t a a g g a c a a a g a a g c a g g t t t a g t a a a t t g t t t g g a a c g g a t t c a t c a c c a a 60
t t g a g g g a a a t g c t g a t a t a c a g a t a a g c a a t c t t c c t a a t g a t g t g g t a a c a a t t t c a a 120
c c a g t g c a g a g a c a a t c t t g a g a c c a g g a t g g c t a a t c t t a c c a g c t a c a t a g t t g a a t 180
c t t c t a c t a g t a t t a g t g g c t c a a a a g a t g g g t c a a c a a c a t c t g a a t c a a c t a t t t g c a 240
g t g t g t g c a a g g a g g a c 257

<210> 24175
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700908364H1

<400> 24175

g t t g t g t t t c c g g c a a t a c c a c g a c g g a a g g c c c a g a t g c c c c a c t t g g a a a g g g t a a a a 60

gctcattggc aaagaagcgc ttattgtcat atcggggttt aagaggttta acgatgacga 120
 ggataagctt cacaagttca tcaaaactca cgttgtcaga ctcttgaaga tggacatgat 180
 cgctgttctc actggacttg agcgccaaga acaagtttct ctcgctctca tgatgtgtaa 240
 ggtgatgcaa aagcaagat 259

<210> 24176
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908331H1

<400> 24176

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 aagaccctca ccggaaagac catcaccctt gaggtggaaa gctctgacac catcgacaac 120
 gtcaaggcca agatccagga caaggaagga attccccgg atcagcaacg tctcatcttc 180
 gccggaaagc agctcgagga cggccgtacc ctcgccgact acaacatcca gaaggagtca 240
 acccttcacc ttgtccttcg tctc 264

<210> 24177
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908295H1

<400> 24177

ataaagttct ctctgcttct ctctcttaga ctcaaaaccc tattgctgac tttgcaatcg 60
 accccgatta tggccaacag taacctccct cgaagaatca tcaactgacac cagcgtttgc 120
 tcagtgaacc agcacctgga attagtgcgt ccccttcgga agacaatatg cggtatttca 180
 atgtgatgat ccttggccca actcagtcgc cttatgaagg gggagttttc aagttgcaaa 240
 ttattcgtgc cagaa 255

<210> 24178
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908296H1

<400> 24178

gcagatgcag atgcaacaaa cgcagcagca gctgcaggcc acggcggcac cattctcgac 60
 ctccactcct cctcctcctc ctccttcctc cggcggtccc gcgtccgagg accgccgaag 120
 caggtggctc aagcaatgga caagctcgga caagccgaac gaatcatcgc cgacatccga 180
 atcggcgccg accgcctcct cgaagcgctc ttcgctcgcg cggcgcacct cgaccaaggc 240
 aacaagcctc tccaa 255

<210> 24179

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700908301H1

<400> 24179

ctcactggga tgggggtgcag tgctagtctc atttccttgg acatcataag gtacattttc 60
 aagtcacaaa agaacaagat tgctcttttg gtgacttcgg agtctctaag tccaaactgg 120
 tacaatggca acgacagatc aatgtttctc gccaaactggt tgttcaggac ggggtggatgt 180
 gtcattctct tgacaaacaa aaggtccttg aagcaaaggg ccatgttcaa gttgaagtgc 240
 ttgggtgagga ctcatcatgg t 261

<210> 24180

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700908302H1

<400> 24180

agatgatcaa gtatctgatt cttcttctga tgaaagaaca cgatcgagca cgcctcagga 60
 caataacact gaagctggaa caagagatgg agcgagaaat aacaatggta ataaaagcga 120
 gttgggtagg gaagagagtc cagactcaga atcacaaggt tgggggtccca ataagcttca 180
 gaaagtgaac ctttccaatc ctatggatca atccactgca gaagccacaa tgagaaaagc 240
 tcgtgtctca gttcgtgccc 260

<210> 24181
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908305H1

<400> 24181

attttatgag atgggtacta ggggtgcagct aagaagctca aaaagattca atttcaaggt 60
 ttgtagtgga agttatgatg atggttatgt gattgggtgaa gaggaagcaa gggatatttc 120
 aggggttagag gagcctgtaa caaccaaggt tctgattcca ggtctgcctg atgattcaaa 180
 aggtgaatct ggtgctccaa taagtagttg tttttgggga tggaaacctt aactcaatgt 240
 gcactatgag aaggccgggt 260

<210> 24182
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908307H1

<400> 24182

ctaaaatcct taaaagcaat ggtgctatca ccaaccccc tatgtttgct cgatattctt 60
 cttctttcttc ttcacctca gtgccttatg tttctaacta ccagaaacaa acagctccat 120
 ccccaacttc ttcattctggg aatagaataa gccctgcaat tcttgtcatc atagtaattt 180
 tagcagtggg gtttttcatc ttgggtttcc ttcacttgct tgtagattt ctcataaagc 240
 aaaggtcttc ctccaattc 259

<210> 24183
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908308H1

<400> 24183

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 agaatatacc tggccgatac cataccagaa aacgtgaaac gtgtgatata ttaggactct 120

gacctggtgg tggttgacga catagccaag ctttatggtg ttgatatgaa aggaaaagtc 180
 gtggctgcgc cggaatattg tcatgcaaac ttcacgtgt atttcacgga taatttttgg 240
 tcggacccgg ttcttgccaa 260

<210> 24184
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908309H1
 <400> 24184

cgcacattcg tcccggcaag ggaaaaatgc gtaaccgccg ctacatctct cgccggggac 60
 cacttggtgt gtacggaacc gaaggtgcga aggccgttaa ggccttcctg aacgtccccg 120
 gcgtcgaggt cgccaacgtc gagaggctga acctttctgaa gctggccccc ggtgggcacc 180
 tcgggaggtt tgtaatttgg accaagagcg ctttcgagaa gttggattca atttacgggt 240
 cttttgataa gccctctgag a 261

<210> 24185
 <211> 262
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908310H1
 <400> 24185

cgacatcttc tgcaacacaa caactaaaca ttgttttgtt tactcaactc gcactttccc 60
 ttctccaatt tcgaggtctc aattccggcc acaagcacgc attgtttgtt caaggttcaa 120
 gccatcattc aagacattca tggaagtagt taatgaaact agacctgttt tcatctgata 180
 tacttaaaaa gggttcacat ggtttcttca gacaāāagtgc cggatcaaaa tatcccttct 240
 gataaattgc agcagagagt ga 262

<210> 24186
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908311H1

<400> 24186

aacagagaaa aaaaaagttg tgaattttcc agttgcgttt ctgttccata caatttcgaa 60
tagaatggcg aggcctaatac aggaggcagt tgagacgttc gtcagcatca ctggtttgcc 120
agaagcagta gcgctacaaa aacttgagga gcatgggtgg aatctcaatg aagcagtcaa 180
tgcacatttt actgaaggag acagaaatct aacgaccggt tctcacaaca gctctgctgt 240
atttcctcaa gatgatttca t 261

<210> 24187

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700908312H1

<400> 24187

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ggacatagat gacttgccca agaacgccgc caactacaca gcgcttacgc cgttgtggtt 120
tctagagaga gctgctacgg tccacccac cagaaactcc ctcattccacg gatctcgctg 180
ctacacgtgg cagcagactt accaccgttg ccgtcgattc gcttcgctc tttctaata 240
ttccatcggt cttgga 256

<210> 24188

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700908313H1

<400> 24188

gatggectca caggtttgca aagctgcttc cagagccgcg aggtcccttc tctccgcttc 60
cagagcctcc catggacgtg cggttggggc tgctacggct gtttcattga gctgcaaagt 120
gctctttttc tacggaaaga acggttcttg aagtgggttc gcttcatcat catcatcatc 180
atggatttca ggagcacttg ctcttctgc cgcagcttac atgttccaag atcaggaggt 240
gcgcgcagct gagctggagc gca 263

<210> 24189

<211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908315H1

<400> 24189

tgaagccttt ccagtgtgca gctgcatctg cagccgggtc aatcattcaa aattgtcaag 60
 ttgttttggtt tggagcaatc atcattgtcc aaattgcaat tttttcagaa ggatagcaag 120
 aatttgggaa gttgctgaag caatagggag tagtggatac ggtttaggat cattgttata 180
 ataggcaaaa ttgatggtaa tcgtacatag tggctaggaa gggatataat ggctactgct 240
 gcagttattg gactcagtgg 260

<210> 24190
 <211> 266
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700908316H1

<400> 24190

gacattgtga ccaccacgac tcacaagagc ttgcggggcc cacgtgcggg gatgatcttt 60
 taccggaagg gccccaagcc gccgaagaag gggcagccgg agaacgcggg ttatgatttc 120
 gaggacaaga ttaacttcgc ggtgttcctt tcgctgcagg gtggggcccca caaccaccag 180
 atcgggtgctc tcgccgtggc gctgaagcag gccgcgtcgc ccgggtttta ggcctacgcg 240
 aagangttaa ggcgaacgcc gttgcg 266

<210> 24191
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908317H1

<400> 24191

gtaactaacc cagtcctttg acttggtctt ctggttcgat tcgatgcgat tctcggagat 60
 gaagaagggc ttgatgcata gctatggcgt tgctgtgatt gtgttggtt tgagtttgtg 120
 tttgggttca tcacggagc aattaagtgc acgagaatgc gagaatctcg gtttcaccgg 180

actcgccttg tgctccgact gcaacactct ctccgagtag gtcaaggaca aagagttggt 240
atcggattgt ttcaag 256

<210> 24192
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700908319H1

<400> 24192

ctcttcttct cttgcggcta cggtttttagc gcagttcttc tagatttaag gaagatgggt 60
aacgaaaagg ttcacatcag tattgtgggc attggccatg tcgactctgg gaaatccact 120
accactgggc acctgattta caagcttggg ggcattgaca agcgtgttat tgagaggttt 180
gagaaggaag ctgctgagat gaacaagagg tctttcgagt atgcctgggt gctggacaaa 240
cttaaggctg agc 253

<210> 24193
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700908320H1

<400> 24193

gcgatggcga tcttgctggg cgaaattctt caatcgctgg agctgtggct gaagctgatc 60
aagaacccgc agcctcagcc ctacgtgaac cctaactctgg accccgtttt gctggtgccc 120
ggtgtcggag gctgcatgct gcacgccgtt gacgaatccg aaggaagccg agaacgcgtc 180
tgggttcgct tcctcaacgc cgagtacacg ctcaagacca agctttgggc gcgttacgat 240
ccttcaccgc gaaaaacc 258

<210> 24194
<211> 237
<212> DNA
<213> Glycine max

<223> Clone ID: 700908321H1

<400> 24194

gtcaggtgac atgcggggaa ccttatggtc cgcaccttt tgccgacgag gggtaaacga 60
 gcccgttgac gtgcagagac taacatcggt tctgcacct tttgtcatcc tgaccctga 120
 agtcaggtga catgctggc aaccttatgg tcccgagct tttgtcaacc agagtcaatc 180
 gagcacattg acatgcgggg aaccatttgg tctcatactt ttttcacatt ttgtcat 237

<210> 24195
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908322H1

<400> 24195

gaaagagaag cattagcaaa agcaagaaga actagtctaa gcagaaatgg cctcttcagt 60
 gatggcatct gtggccctca aacctgcccc tttcactggt gagaagtcct cagttagagg 120
 ccttcctcc ctctcaagga actcctcttc attcagagtt gtggccagtgt gtggcaagaa 180
 gatcaagact gacaagcctt atggaattaa tgggtggcatg gctttgaggg aaggagttga 240
 tgcattctggc aggaa 255

<210> 24196
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908323H1

<400> 24196

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 accagcaaga accatggcta ttggagaatg ggaaaccgag ggtgttgacc aaggagaata 120
 ggcattggccg ttctgcacac agcatgtcct ccacgtcttt gcgcaagaag tctagccgaa 180
 ctcttgtctc caagcttcca tgtgccacac tcagaagcat ccttttaaat ttgcaagagg 240
 ttattcttgg taccaa 256

<210> 24197
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908326H1

<400> 24197

ccgccatttt ccgatcatca aatcaaatec tctttattta tttattttgg cttaatttac 60
 aaaaaaaaaat aataacaaat gggtctatga gactcacgaa tacgcatgcg atggatctag 120
 aagggtggaac aactcgtcga aactccgtta agagagagtc gtggagaacg gttgtgcatc 180
 tggcgtagca gagtttagga gtggtgtacg gtgatttgag catttcgccg ttgtacgttt 240
 tcagaagcac gtttgcgga 259

<210> 24198

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700908328H1

<400> 24198

cttcttccca accactacta ctcaactcact gcagatctca attgcatcgc tgtccatggc 60
 taccatcggtt agcatcaagg cccgccagat cttcgacagt cgtggcaatc caactgtcga 120
 ggtggatttg acttgctccg atggtacttt tgccagagct gctgttccaa gtggtgcatc 180
 cactgggatt tatgaggccc ttgaattgag agatggagga tctgactacc ttggaaaggg 240
 tgtatcaaag gctggtt 256

<210> 24199

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700908329H1

<400> 24199

tgtgaagatc tcaaagtga gtacaacgaa gagatggcaa agagaaagaa actcttcaat 60
 gaagttcaag aggctaaagg gaacattagg gttttctgtc gatgtcgtcc attgaataag 120
 gctgaaatct cagctggatg caatacaatt gtggattttg atgcagcaaa ggatgggtgc 180
 cttggaattt tgacaagtgg ctccaccaa aagtcattca gatttgacag agtttataca 240
 ccaaagatg atcaagttga t 261

<210> 24200
 <211> 263
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700908330H1

<400> 24200

actcaacctc actcactcgc tcattcgctc tcttcacagt ttccagtcga gggttccccg 60
 tcnnaatcna aaccgaanan ananaaaacg tcaatcctac acacacacac acacatatca 120
 cctaaccatc gtcggtggga ttcgaaggca acggcgctgt ttcttcgccg ccgcaagctc 180
 tcatcgagag actgaaagac tacggccaag aagacgtttt cgcctcttgg ttacgagctc 240
 taccccgagg aacgcgagtt tct 263

<210> 24201
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908294H1

<400> 24201

agaacagtgt aacaaaaaga agaagaaaaa caatatgaag ttactataa tcacaatatt 60
 tttctcttta tttctacttg actttgggtt tgcacaacag ggggatcttg catatcaaga 120
 tttggaggaa aaccaaatac aaatataggc caggctttct taagtgcctg gactcaagca 180
 tgtgcatcac caactgctgt caaaattgtg attccagctg gcacatacca aatgggtgca 240
 gttgatgtca aagg 254

<210> 24202
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908261H1

<400> 24202

ttggcattga gtgtgaaaca ggctaataaa tgtgagtggg tcaccgccgc aacttccaat 60

gtgcgagcac ttactcgtct cactgtcttg ctatatttgg gtgagaacac agagatagtg 120
 gaggttcaacg agatggagca aataaagcac agaacagttg aagtgaatgg cataaaaatg 180
 catgttgcag agaaaggaga ggggccagtg gtgttggtcc tccacggctt ccctgagctc 240
 tgggtactcat ggcgc 255

<210> 24203
 <211> 260
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908264H1
 <400> 24203

aagaagaaga agaagaagaa aaagggaaaa acgcaagaaa aatagaggaa gatcgatcga 60
 gatctccctc gcgtttgtct cagttgaaga aattaaaaag cagaactaga gtaaccaacg 120
 gtctcagaat tttcagggtt ttcagtactt ccatattttt tcttcgggat ttgagttgga 180
 agaagatcga agaggtttct agttgcttca attgttcctc tgggtggtgg agacttggtta 240
 tattttttaa atattgacaa 260

<210> 24204
 <211> 266
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908265H1
 <400> 24204

caaggatggt gttcatcgtc cgatggcgca taaaacgcaa ccaaagcctt agcaaaggca 60
 tggtagcctc aagcatcctt gagccaggag ggtttttggg tgacgagctg ctttcatgtg 120
 ccttcgcagg ccgtttatcg atagacttcc ggcttcctcg gctacatttg tgtgtcttga 180
 atcatcagaa gcctttggcc ttgatgccaa tcacttgagg tacatcactg atcacttccg 240
 gtacaaatth gcgaacgaga ggctga 266

<210> 24205
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908267H1

<400> 24205

gttttgatcg tccctcttcc caatttcagg gtaagctttg gatctcggat cgggtgcctta 60
 cccatctttt cgaaatcttc aaggaacgct ttgggacact aaagtttcca aatgtagagg 120
 gaagaacaga atgagaggga agacttgaat caggattcag gggtagagata tttgaggatg 180
 gttacttatg gtgaaagggtg ggctgaaaaa taggaagtaa gcatggaaaa tttggtgagc 240
 aagtaatttg atctgctg 258

<210> 24206

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700908268H1

<400> 24206

ggagagtggag aataataaag aaagaaaaag aagggttttg ataaagcaaa agaataattat 60
 tgaaacataa attttggact ttctttgcat ttggcaccca cccacaacg aaataaaca 120
 aacaagcaca caaccagaga cacgcacacg catatagaga gagagagaga gagagagaag 180
 aagaagaagg aagcagagga agaagaagga ggagatcttg agagatcagg tcgcaactga 240
 tcatgggggag ag 252

<210> 24207

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700908269H1

<400> 24207

gttgatcgag ataactagaa acagtgtgat gaaaatgaag gtccttgttt tcttcgttgc 60
 tacaattttg gtagcatggc aatgccatgc gtacgatatg ttccctctcc gaagaacact 120
 ggctatgggtg cccgtactcc ggaggtgaaa tgcgcaagtt ggaggcttgc tgtggaagca 180
 cacaacatct ttggctttga gaccattcct gaagagtgcg ttgaagcaac aaaggaatac 240
 atccatggcg aacaa 255

<210> 24208
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908270H1

<400> 24208

ggaaaacaaa gtatagagtg aaagaatggg tgagaaaagc aagattttga tcataggagg 60
 caccggctac atcggcaaac atatagtggg agcaagcgca aaggctggaa atccactttt 120
 gctttggtga gggaatccac actctctgac ccctccaagg cacaactcat ccacaatttt 180
 gaggctttgg gcgttaattt ggtccgctgg gatctgtacg atcatgagaa gttggtgaaa 240
 gctatcaagc aagtaga 257

<210> 24209
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908271H1

<400> 24209

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 tgtgaaaatg gcagtgactc ttacatcaac actctttctg gctttgctat ttctgcttca 120
 gcttttgctg ctcttcagcc tagagtacct gaagcttacc tccaaaatgg gaactttgag 180
 gagcagccaa accctaaata cctgaagaaa acaaagctct ttggtaaata cgctttgcct 240
 aaatgggaga tcaat 255

<210> 24210
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908272H1

<400> 24210

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 gaccacccga gacacggttc ccttggtctt ctcccaagga agcgagcttc tgtcatcgcg 120

gaaagggtgaa ggctttccca aaagacaatc ctagtcaacc atgcagggtg actgcctttg 180
 tgggctacaa agctggaatg acccacattg ttagagaggt tgagaaacct ggatcaaagc 240
 ttcacaagaa agaga 255

<210> 24211
 <211> 149
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908273H1
 <400> 24211

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 tgatgattca tgataacaac aaatggccga ctccagatac taaattgttc atgttggttg 120
 aatgtaatct tttgcacaga cttttggac 149

<210> 24212
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908274H1
 <400> 24212

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 acggcgagaa gttccaact cctctctcac gcgcggacct cccctccgg cacttctgca 120
 ccgacggacg ggtaaaggat aaagggatga tctacacagc aattgacaca ttctacctca 180
 cagatgagca gctagcaatc tcaccttcta gaaatgatgg catacatgaa gccactgaga 240
 ccagcctt 248

<210> 24213
 <211> 250
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908275H1
 <400> 24213

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ttgaacaaat ggtgcgggct ttgccttccg atgctgtcaa ggagttattg tgcacggggt 120
 gggttcgctt cattgcttgc aattcttctt cttcttctgc taaccttctg ctatttcaca 180
 gctcctatat gaaaaccaa tatggatccc aacctttgtt ccatgaaaac ttgcacagtg 240
 gatgcatctc 250

<210> 24214
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908277H1

<400> 24214

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 tcttacctat atgaactttt ggtgttgaat ttggttggtg tttaaattat taagagtgtg 120
 ttggaggatt gtggagaagg aagtgttgag gttgattgtg gagttgaaaa ggattgaact 180
 tgttttgttg attattgttt gttgaagttt ggtttttctc tcaatggctg tagaggagtc 240
 tgagcctgtg attg 254

<210> 24215
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908278H1

<400> 24215

ctcgagccgc tatctgcttc ctgtagtac ttcatlgaga gagacatgga cactgtacta 60
 agtactacgc tgctactcat gttggcatgc tccatcgtgc atgttcttcg ttactacaag 120
 caagaatgag aagaaaatca aactacaatc ttccaccagg accctctctt ctcaccatca 180
 ttagaaactc taaacaactc tataaaaagc cacagcagac aatggccaag cttgccaaaa 240
 cctatggccc cataatg 257

<210> 24216
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908280H1

<400> 24216

cacgtttccc ttttcttttg ctcggaagc ccagtcacg tcgaactaca tcaggttgca 60
 cgtaaatacc gtggacaacc ctagacgatc caacgggcga gatgtactcc gcgattttta 120
 caaagacgtc aatgctggtg agtactctcc gtactatctt caaggagcaa ttacggctct 180
 gcagcggtttt ctgccgtcta acgaaacgga cgctgactcg gacacggagg ctcaaccgca 240
 cgcgggcggtg gacgcgtact cgtgcga 267

<210> 24217

<211> 276

<212> DNA

<213> Glycine max

<223> Clone ID: 700908281H1

<400> 24217

cgcaatcata ttaagccagt gccacattca acttctcaat tgtgctctct ctctgcctag 60
 ccttctttct actgtactc accaaggcaa actcaaccaa caccgtttct ttcacgtca 120
 gcaagtttcc ccacgccaac aaaaccttat cttccaagga gatgctgcta tctcacctc 180
 cgggggtgta cgactacca aggttgacag caacgacgtg ccaacgacgg gatccctagg 240
 acgtgccctt tatgctgcc caatccagat ttggga 276

<210> 24218

<211> 111

<212> DNA

<213> Glycine max

<223> Clone ID: 700908282H1

<400> 24218

aaatgatcac aatcaggtga catgcggata agtgagtgat caatgagtgg ctctgcctgc 60
 ccacttcggc gctctattct atatatagcg atggcatcca ccacacctgc a 111

<210> 24219

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700908283H1

<400> 24219

ttactaccaa gttctctgtc tggggagttc ttagcaccac caccagcttc tgcagtagct 60
 ttaagctacg aaagattttc cttgaccatg gggcaaaagc atttagtgac gtgttctgtt 120
 tatgggcttt gacatgttcc catcttctat ctttctcctt tggaattctg agaatttgct 180
 tgaagaagag acctctagat cttgatagta ttaatgctgc tagaaaggca agagcaagtc 240
 taagatctgt aagacc 256

<210> 24220

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700908285H1

<400> 24220

ggaaagcaaa acatgcctac acagcataaa tcagaagaag cataaaaaaa tagcaacacg 60
 caacacattc tcaacaaaag aagcaaagca tgtgcacggt tacacaaatg gaatacgttg 120
 accatttctt tgctccaaa atccataacg ttactttctt catcttccat ggataaaaca 180
 gtgaggttgt gggatttgga aactaagtcg tgcttgaaat tctttgcaca taatgactat 240
 gtgacctgcg tgcagtt 257

<210> 24221

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700908286H1

<400> 24221

ggagaagaga acggaggaga agagcaatag ctgcgaaaat atactctgga cttcgagctc 60
 aggggaactt caacttgcca aagcactgcg acaacaacga agttctgaaa ctctctgcgc 120
 agaagctggt tggtagctgg aagaagacgg aaccacttat cgcaagggtt gcaagccacc 180
 tctggccaat ggtgcagga gctccatgag aaacattacc ttttcttctt ctcaaaatcc 240
 aagtcctctg tcttcg 256

<210> 24222
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908287H1

<400> 24222

cagttcttca caccaatcat gtaccgcttt gcaacstccc tcgcctccaa agctagaatt 60
 gctaggagca gcactcaaca gattggaagt agggtcagtt ggaacaggaa tatgctgcca 120
 aagacattaa gtttggtgtg gaggcccggg ctttgatgct taagggtgtt gaagagctcg 180
 ccgatgccgt caaagtaacc atgggcccta aggggcgtaa tgtggttatt gagcaaagtt 240
 ttggagcacc caaa 254

<210> 24223
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908288H1

<400> 24223

ggaaaggggtg tgagaagaga atggagagta aagaggaaga tgtaacgtt ggagcaaaca 60
 agttctcaga aaggcaacca attggtacag cagctcaggg tgggtgtgac aggactacaa 120
 ggaggcaccc ccagctcctt tgtttgaacc tgggtgagctc aaatcatggt ccttctacag 180
 agctggaatt gctgagtttg tggcaacttt cttgttcctc tacattacca tcttaactgt 240
 catgggtgtc aa 252

<210> 24224
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908289H1

<400> 24224

tttcttctcc tctctctctc tcttagggtt agggttttct ctcttcatca ctctctgtgt 60
 cgctccgttt caatggctca gcaagacgct caaaacggcg ggctcggagat gccgctgctg 120

ctgctacggt gtcgtttgtc gctgtgaagc cgcagctcct cgtcgaagct cccaaagcca 180
 acgacgccat tctgttcttc aaggctgcgt ttggcgctga ggaagttggc cgtacgtca 240
 accctaagcg ca 252

<210> 24225
 <211> 108
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908290H1
 <400> 24225

gagaaaattg aattgcgtga gtgaaagtta catcagcccc ttacgcgcaa accaattcca 60
 attccctttg caagcaagca atctcagata gctgatccac acaatccc 108

<210> 24226
 <211> 256
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908260H1
 <400> 24226

aatttaaaga aatcaacaca cacaacacaca acaacatatg gaggtgctaa gggtgcaaac 60
 catagcttcc aaatccaaag atgctgccat cccagccatg tttgttaggg cagagcagag 120
 caaccaggca tcacaaccgt tcaaggggtg aaccttgagg tgccaattat tgattttagt 180
 gaccagatg aagggaaagt ggtgcatgag attttgagg caagtaggga ctggggcatg 240
 ttccaaattg tgaacc 256

<210> 24227
 <211> 252
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700908292H1
 <400> 24227

atttccacac gtcataatag ataaagncca gttgaagtga tactattgaa cagccgatat 60
 atgacactct catgatatan cntgtatctt gtgaaagtag cattagacaa taatgagtgt 120

tgactaatct cttgtttttac tgatctttct aaaatataaa gctacagaat acaaagtttg 180
 tatggttgaa gccaagcaat ttgtcgggat ttttgtttat ctcacaatat gttagagctt 240
 tgttttgaag tt 252

<210> 24228
 <211> 89
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908293H1
 <400> 24228

tgagagcaag agaatatccc ttgtcgggtg aaatcacact gccgccagat tttgcactcg 60
 ctaaaacaat attcattcca caacctttt 89

<210> 24229
 <211> 259
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908230H1
 <400> 24229

aagatggctt cctttgtatc cttcctagtg ctgcttcttg cagcccttat cctcatgcct 60
 caagggcttg ctacttacta caaaccaatt aagaagccac cagtgtacaa gcctccagtt 120
 acaagccacc agtgtacaaa ccaccgggtt ataagccaaa accaccgggt tacaagccga 180
 aaccaccggt ttacaagcca ccatataaga agccaccata caagaaacca ctatatggag 240
 agtatctcca gtagaggac 259

<210> 24230
 <211> 265
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908231H1
 <400> 24230

aagcattgtc tggccacaag gatgaggcct tcttctctgg taatgctgct gctctggctt 60
 caaggaagtc ttctccaaga gtgaccaacg aggctgttca gaaggctgct gctgcattga 120

gggttcagat catcgccgtg caacaaatgt cagtgccaga ctggattctc aacaaaagaa 180
gctcaacctt ccaatcctgc caaccaccac tattggatcc ttccctcaga ctgtagaact 240
gaggagggtg cgccgtgaat tcaag 265

<210> 24231
<211> 266
<212> DNA
<213> Glycine max
<223> Clone ID: 700908232H1
<400> 24231

attcaaattc aatggccctt ttacattaca ctaataattg gcctcctagt aaacacccta 60
gtactctata aatagcattt gcatgcacct tagtcttcac caaaatactc ctcttggcat 120
ttgtgttggt tcctctttt aagctatttc cttctcttaa cacaattggt tgtgccaatt 180
gccatagtca ccaaccaatt aacaaaggta tatatatcat catatcatca ccaaatgaaa 240
aatattgggt tgttttttct tgtggt 266

<210> 24232
<211> 267
<212> DNA
<213> Glycine max
<223> Clone ID: 700908234H1
<400> 24232

aaacaatggc tcaaccctca ccggtggtgt tattgctaac cgagagggtg tttcatgggc 60
aacaaggac aagattcaac aagccaatta ctttgggtcg ctgaccagg catcagctat 120
tgagttgggt ctttccaagg ggaggaaata tatgccccat tcaagagcct gcttccaatg 180
gtaaaccctg atgatgtgt gtttggggga tgggatatca gtaacttgaa cctggcagat 240
gccatggcca gggccaagg gtttgat 267

<210> 24233
<211> 267
<212> DNA
<213> Glycine max
<223> Clone ID: 700908235H1

<400> 24233

ctggcgagga aggagaatcc aaagtaaccg agcaccatac cagacacaag actgccaaat 60
ccaacgcaaa taagaacaac agagaaacct ctgcggacac ttccaaaggc tccgaggtta 120
aaatcagaaa ccagactaca ttcatgtccg agcgcgtcgt ggacaagcca cggatagtca 180
tagcttagct gaaagagtaa ggagggagaa gattagcgag agaatgaagt atttgcaaga 240
tttaataccg ggttgcaaca aagttgc 267

<210> 24234

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700908237H1

<400> 24234

cgcaatcgca atccagcgaa tatgaaggtc gtcgctgcat acttgctcgc agtggttgga 60
gggaatcctt ccccttctgc cgatgacatc aaacacatcc tcggcgcaagt tggagctggg 120
ctgagaatga gttgattgag ttgctcttga ctgaagtcaa gggaaaagac ttcaatgagc 180
taattgctag tggaagtga aagatgtctg cagtgtctgg tggcggtgca gcggttgccg 240
ttgctgctgc accagctgga 260

<210> 24235

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700908239H1

<400> 24235

ggcacactta cgttttggcc acaccgaagc gcaaccgttc cgatgacgtg gacggcggt 60
aggcgaagaa gctgctgttg cagcacggcg aggcagaccc ggcgggcgcg ctggcgaggc 120
gcggcacgag ttcggggacc acggcggggg gaacatgtcg atcgaggcgt cggcgacgtt 180
cacggtgatg gagccggaga cgatgcggcg catgttcgcc ggtgaactcg gccccgaccg 240
cgacttcttc atctacagcc gcc 263

<210> 24236
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908240H1

<400> 24236

gtgaaacccc aatcccaata cactcccaac tcacaaagcc atgtctccag gtctgtttgt 60
 cgacgcttcc cctgaggttg aagcagagca acaacttccc tccgtcgatg acgcaaccag 120
 ttgaagaaat cccaaccgca ggaggatgat gctcccgttg tcgaggacgt gagggatgat 180
 gacaaggacg acgacgatga ggacgacgac gacgatgatg aagatgacaa ggaatacgat 240
 gctctaggtg gtgctgaggg tt 262

<210> 24237
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908242H1

<400> 24237

ctcctcagct gtgtgatgat tcattttctaa accctaattc tccttgtttc cattgctgct 60
 tcattgtttt ttaagcaatt ccgagcattg atcaaattggg ttttggttca cttccatttt 120
 ctgaaacagc gtactctcaa aaaaaatata tgatcacatt ttctacttct gcaaattctg 180
 catttttttc cctctctttc tttctggggg gtctgcagaa caagggaatc tcacagattc 240
 cttgtgtttc tctttggtt 259

<210> 24238
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908243H1

<400> 24238

caattacaga ggctaagacc tcaactacaa atagtgcctag gcttcattgtc agttctcact 60
 cgtgaagtta aggaagttgg ccatgggtggg aaagaggtga ctagggcggt gccagcgat 120
 cagaaaaagt gaaggattct cttgtgaaga acattagaag atgaatgacc cccaaccct 180

tgaaaattag ggcagatatt gaaatgaaat gaaatgtttc caggttccaa gaaaacttgc 240
acagtggatg catctctaca 260

<210> 24239
<211> 257
<212> DNA
<213> Glycine max
<223> Clone ID: 700908244H1
<400> 24239

gtctcgtttc aaatattaat tttaggttct tcgttacgcg ttgtgttgcg ttgtgcgtga 60
gaaagtgcgc gtggtgaaaa agcatggctt ctgagctcct gagacgaacc ttcgagatgc 120
tttccttgca aaccctaggg ctttctcttc cgctgcttcc actccgatcc gcgccactct 180
tttccccggc gacggcatcg gccccgagat cgccgattcc gtcaaacaga tattccaagc 240
agctgatgtc ccaatag 257

<210> 24240
<211> 259
<212> DNA
<213> Glycine max
<223> Clone ID: 700908245H1
<400> 24240

cagaaccaac aatgtcgttc ccttcaacc actctcaccg cagggacgac gacgacgacg 60
acaaacgacc cgccgtttac cttcctccgg gtaacacctt caacaaccct ccaccacctt 120
ctacggcgtc catcagccag aaaccacgt gtcccatgtc ttcaacaaca gcaactactc 180
cgctcccccg catccaccac cttcccataa ccaccaccat gactccttca ctcacggagg 240
cggcagcacc gtgcaccac 259

<210> 24241
<211> 248
<212> DNA
<213> Glycine max
<223> Clone ID: 700908246H1
<400> 24241

gtggtttcaa cagtgaggca attcctgaag caaaggatgt tgtaagaatc gatttggtgg 60
 gaggcctttgc tttgcaaaaag gtgacatcag aaagaagtta ctttcggaca atagcaatat 120
 ggatataaaa ctgaattttg tgccctccatc ccttataaac tttatttcaa gacagctcat 180
 tggcaatggg ttcagactct atcagaagac tgtgtcttct atgatatggc ccagtttgcg 240
 gaaatcca 248

<210> 24242
 <211> 240
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908247H1

<400> 24242

agctgatgga atactaatat ggtctgcaat agaagactgg gttcgaacct atgtgaacca 60
 ttactacct cactcaagcc ttatatgcaa tgacaaagag ctacaatctt ggtactcgag 120
 tcaatcaatg taggccatgc ggatcttagg cagcaaaaatt ggtggccaac attgaacaat 180
 agtgaggatc ttgtgtccat tctttccaca ttgatttggg cttgatctgc acaacatgct 240

<210> 24243
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908248H1

<400> 24243

cacgtttccc ttttctttct gttgagaacc cctgctattc ttccactcag ggggtcccact 60
 cgtttgtagg agaataggtg gtgtttccgg caacgtgctt ttttggacac aaaccttcgc 120
 cggaaccctg aattaagcac ttaatgtgaa ttctgagata caataacaat aacaatgtct 180
 tctcctcata actcttctcc tgatgactct agccctgata atgcaacacc tgataactcc 240
 acccctgatg actctgacaa c 261

<210> 24244
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908250H1

<400> 24244

cgctgctgcc gaaacccttc ccgatcccta aggtaagtga gtaatcgggtg gttgagaatg 60
gtggagaagg cgaagggtag gaaggaggag gtgggttacca gagagtacac cattaactcc 120
acaagcgctt ccatggctgc acatttaaga agaaagctcc taaagctatt aaggagataa 180
ggaaatttgc ccaaaggcc atggggacca atgatgtgag ggtggatgtg aagttgaaca 240
agtttgtctg gagccaggga atc 263

<210> 24245

<211> 139

<212> DNA

<213> Glycine max

<223> Clone ID: 700908251H1

<400> 24245

ctagtcttag atcgcgagct gccgcctttt tttttttttt tctaccgagg aaaggaaaga 60
attggaaaag ggggaaaaaa ccacggggcc caagattccc tcttctctgc ttgggaaaaa 120
gagaaaacaa acaaaccat 139

<210> 24246

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700908252H1

<400> 24246

ccagcaccag cacctgcacc tgcagcagca gcagcaccag cacctgcacc agcaccagca 60
ccagcaccag ctgataagca aattccagct ggaattcctg gaagtctcaa aaacaatacc 120
atcgcgctga tgggcaaaac tgtggcaact ttctdactga tcggccatct accaagggtc 180
atgctgcccc ggggtggtgga tcttccttgc attacctctt tgggtgtcct ccagggaact 240
gattcatacc taccatgtga t 261

<210> 24247

<211> 261

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700908253H1
 <400> 24247

ggaaatgggt gtgaagatgt attctgacat ggctactctt caaactatgg acagcatatt 60
 ctatgaagtg cagtcgcaag gtagactttc cttctacctc acccaaattg gggaaaagca 120
 gttaacattg catctgctgc tgcactttct cctgatgaca tcatattgcc tcagtaccga 180
 gagcctggag ttctattgtg gcgtggtttt aactgcagc aatttgttca tcagtgtttt 240
 ggaaacacac atgatttttg a 261

<210> 24248
 <211> 260
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908254H1
 <400> 24248

attaatttat cttctcccat ctaaaatcta tatataatat attacatctg aggttcaatt 60
 ttcttaagct cacatttctt ttgtgtttgt gagtaatttg caaacacacc aaaacatctc 120
 tctctctctc tctctctcca attcagacct ctagttctgt tggatcttgc atatagtaac 180
 cctttattga ttcgcaaaga tgaaggtcac agtggtttct cggagtggaa gagaagtggg 240
 taaaggtggc attgagctca 260

<210> 24249
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908255H1
 <400> 24249

attgcatttg cattaccatt cacaatggca atctcctcca cttccaactc cctcattccc 60
 accaaatctc taatccccca atcccacccc ctcatctcca acaccaggcc cgcccccgcc 120
 ccaagcccgcc cccatcccct tccatcttcg ccgttcacgc cgccgagccc gccaaaaacc 180
 ccgtcgtcac cgacaagccc aagccccaag cccaacaacc tcccccgccc tcggccccgg 240

caacgaaatg ggccgtggac a

261

<210> 24250

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700908256H1

<400> 24250

ctcttttttca tttcccaactt cctcaccaaa tccaactact cctcttttct tcttccacac 60

tgtcattcac atatctctct ctctctctct ctctcgtgtg tattcaattt attatatttc 120

tctttctgat cgtgtcttat tctgccttct ctccactttc gattgtgaag ctccgtgtca 180

attggatacc tgccactgtc ttttcctttt tgcaaaaagt tattccagga gattgcttct 240

aaatatcagt tgcaatgcgt g 261

<210> 24251

<211> 237

<212> DNA

<213> Glycine max

<223> Clone ID: 700908258H1

<400> 24251

aaagaaaaaa aaaaaccctt agccaacaca accatcatgg ccacctctgc tattcagcaa 60

tcagcattca ctggtcaaac tgctctgaag cagctcaatg agttcgtccg caagccggtg 120

gcgccggcaa aggtcgact aacatgcgcc gcaccgtcaa gattgctcct cagagcattt 180

ggtatggccc tgaccgtccc aagtacttgg gtccattctc ggagcacgtt ccatcat 237

<210> 24252

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700908259H1

<400> 24252

gttccaagtc tgccttatct gctgttctag tttattggca ttgggatcag taactgcaat 60

tcccaatgca aattttcatc gggcgccaag gagcactagt gtgcttctgg ttgtgtctgt 120

gttttttgtg gtaacaggat tcaacaatga agagcacagg acagtggagg tagttggcct 180
 aggagaatgc gcagactgca ggcagaacaa tattaagaat aaccacgctt tctcagggtt 240
 acgtgtgacg gtag 254

<210> 24253
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908229H1

<400> 24253

agagaaccct tccgacagac tctttactct cgttcacagc ataaaaacag caccgcttta 60
 caaatgacac cactattatt gtgagataac ggccattatt cttcttccga ccatccccag 120
 aatgcttttc tcacccttcc tcaactctac tttcttctc ctcttctctt cttccgttgc 180
 tgcgatttac tcagcggcaa catgttctaa catagtgcg ctgagatacc gcagcgacag 240
 aatctccata acggacttcg gtgg 264

<210> 24254
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908186H1

<400> 24254

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 cgaagactcc gagaaggaga gtgaatacgg ttacgttcgc aaggtttcag gacccgtcgt 120
 cgttgcggat ggcattggctg gtgctgctat gtatgaactc gtgcgtgttg gtcattgataa 180
 tctctgtggt gaaattattc gtctcgaagg ggattctgct accatccaag tttatgagga 240
 aactgctggt ttgatggt 258

<210> 24255
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908188H1

<400> 24255

gctaggatgg ttcgtgaact atttcagatg gctcgttcaa agaagggcatg cattgtgttt 60
 tttgatgaag ttgatgcaat tggagggtgca cgatttgatg atggcggttg tggtgacaat 120
 gaggttcagc gcaccatgct tgaaattgtg aatcagcttg atggggttga tgctcgggga 180
 aacatcaaag ttttgatggc aactaattgg cctgacactc tagatccagc actactgcgg 240
 cctggggcgat tggaccgt 258

<210> 24256

<211> 240

<212> DNA

<213> Glycine max

<223> Clone ID: 700908192H1

<400> 24256

cgagtgtcta atgtaaatga tcgagttatg ttgggtgaca acacattcag gagtggacaa 60
 actgaaatgt caatggagat gactcagggt cctcggggtc attacgacaa ttttcttcta 120
 caaccatcac ttgttgagga tgcacttgca atcagaatat gttgagacga atatcacctg 180
 tcagatttcc atactgacta cgaaattgct aaatgttaag tgattagaat cttgcaatga 240

<210> 24257

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700908193H1

<400> 24257

ctccacctgg ccgcacaggc cggcgtccgc tacgccatgc agaaccccca atcctacgtc 60
 accgccaaca tcgctggctt cgtcaacctt ctcgaggctg ccaaattccg caacccccaa 120
 cccgccattg tctgggcttc gtccagctcc gtctacggcc tcaacaccca aaaccctttc 180
 tccgagctcc accgcaccga ccagccccgc agcctctacg ccgccaccaa gaaggccggc 240
 gaggaaatcg cccacaccta 260

<210> 24258

<211> 260

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700908194H1
 <400> 24258

ggatcaacac gtatcccagc tggtcaggag cttgtaaaga agttgactgg caaggaccca 60
 aatgtcactg tcaatccaga tgaagtgggt gccctggag ctgcagttca ggctgggtgc 120
 ttggctggag atgtcagtga tattgtgctg ttggatgtca ctccattatc tttgggtctg 180
 gaaactctag gtgggtgtgat gacaaaaatt attccaagaa acactactct tcccacctca 240
 aagtccgagg ttttctcaac 260

<210> 24259
 <211> 263
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908195H1
 <400> 24259

agctaattgat aatcttattg aagatcttcc ctctttgggtg tgcaatcttt ctcaattgaa 60
 gtcactttgc ttggataaca ataatgtgaa gcagatacct ctgaatttat tgaaagactg 120
 cattgctctt cagaacatat cactgcatgg taatcctata tcaatggatc aatttcagca 180
 gatggagggg tttcaagagt ttgaagcaag gagggaaaaag aagtttgaca aacaaattga 240
 ttcaaattgtg atgatcggtt cca 263

<210> 24260
 <211> 273
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908201H1
 <400> 24260

ttctgcagtt ggtgactgct tataatctata atagatgact tgaactatcc ggaaaaggca 60
 gacacatact atattggtaa tgcaccatat gtattctcag cgtgttgga ggtttgtgca 120
 taccttctga tgtttgaaga gtttggactg cttcacttgc atccttaatt tcataaacat 180
 cgttcagatc ccaagatgaa cagctcaaat atcttttctt caataatatg tggaagggtg 240

tgaagcctct tttgcaataa agaaccagga gaa 273

<210> 24261
<211> 273
<212> DNA
<213> Glycine max

<223> Clone ID: 700908204H1

<400> 24261

cagtaggggt cccaagtgga atgtattgtt tctacctatc gcatgcatcc gttttgtctt 60
cttcttattt tagatgtggt gttgtgaaat ctaatggcat gcttagaaat gtacaacaac 120
tcagagacaa caagaacaac aagggtgata atcatcacca tcatcatcaa tgcgctccaa 180
tgagcccaag aatctctttc tcaaattgatt ttgtggatgt gcaacaagcc atgaagctgc 240
aagaacaaag aggtggctca tccagatcag aca 273

<210> 24262
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700908205H1

<400> 24262

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tcactagcct cttctgcatt ctgtgccttt ccacggaggc cagtggatgt tccattcggc 120
agaactacgt tcccacttgg gcttttgatc acattcaata cttcaatgga aggtctgaga 180
ttcaacttca tcttgacaag tacactggta ctggcttcca gtccaaaggg tcatacttgt 240
ttggtcactt cagcatgaac ataaaga 267

<210> 24263
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700908206H1

<400> 24263

cttttcttgt ttcatttctc gctttatcct tagtttttgt tcttcaacgg atgaaggaat 60

catcttgatc gtacggaact tgttctatct ttccgtaatc gaacttggtg gccactgtat 120
 ataataagtt cagttcaaca acacaatcat tttgtatatg atcaaattaa gtgatggggg 180
 gcattctgttc taggaagaga gatgagcatg agcatgttgt ggaagatgaa ttacacagag 240
 gagtctcggg gaggtattgt aggagtg 267

<210> 24264
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908208H1

<400> 24264

tgtaaatggc aactcttggc ttgcaagcag ttcgtcctcc tccattaacg tccacttccg 60
 acccaacacc tctttttgat ggcaccacca gggtgtacat cagttattcc tgtccctatg 120
 ccaacgagta tggataacta ggaactacaa ggggcttcaa gacaagatca aattgggtccc 180
 tattgatctt caagacaggc cagcttggtg taaggagaaa gtctaccctg aaaataaggt 240
 gccatccttg gagcacaatg gcaag 265

<210> 24265
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908210H1

<400> 24265

gtagtattat ttcattgatt tctccctctt cgctctctct cagtgaccag agacagatga 60
 tgatggagat ggcaacgaa acgctgtcgt tgcggcactc gcggcggttg tgctactcgg 120
 gcgagtgtgg cggtggatgc tcaggagaac tcggacgtga agacgctggt gaagtacaag 180
 cacgggaaga agtactgcga caaaggatgg gaatgtaagg gctgggtcaat ttactgttgt 240
 aacctcacca ttaccgatta tt 262

<210> 24266
 <211> 262
 <212> DNA
 <213> Glycine max

09531413.032200

<223> Clone ID: 700908211H1

<400> 24266

gctcaacgtc gctgataatc tcattctccg gccattccg agaaacttcg gttctctcag 60
catgctgagc cgggccttgc tcagcggaca caggctaagt ggggccatcc cgagctcggg 120
tctcagattt accgtctggc ggatctggat ctgtctcgta accagatttc tgggcccatt 180
ccgtagtagc tgtgtaaaaat ggtgggttta tcgacactaa acttcaattt gatgaaattc 240
ttcacattaa gggggcaatg cg 262

<210> 24267

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700908212H1

<400> 24267

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gttttccgag tgagatctag ggtttccatc gattcggaga gaggatattg atagaacgac 120
ccaacgagca aggtcaggag gtggagtact agaacatgga ttcggtgcct tcgaattcgc 180
atggaaacct cgatgagcag atttctcagc tcatgcagtg caaaccttg tccgagtatg 240
acgtacagct cttgtcc 257

<210> 24268

<211> 177

<212> DNA

<213> Glycine max

<223> Clone ID: 700908213H1

<400> 24268

gtttagaaca ggcctgtctt ctcttaaacg aggttgtggt gtttggtttt gaatttgaag 60
tgatttgatg atggagatga atatattggc ttcttcgttc tctggttatg caaaaccctt 120
ttaagagtaa acccttctct tcttacgctc agggcatctt ctctgcgcca tgactac 177

<210> 24269

<211> 264

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700908215H1
 <400> 24269

gaaaaacaga gaaagcgaca gggcagagaa aaagagggtc caaagcagcc accataacag 60
 tgaatacaca tagttacaaa acaagcataa ggtaaaattt acctagaaaa aggtcttcga 120
 tctcgtggca taaacattaa acaaaagggt gttctatgtt ttaattattg caattgggggt 180
 taattgtttt atagagattt ccgcctgttt caatccgtgt accaaggtag ccactttttt 240
 cctttttctt tgtttttctt gtta 264

<210> 24270
 <211> 123
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908217H1
 <400> 24270

attgggtatag gcgtgccaag gtcttggtta ttttgagcgt taagtgtctgc aactaatcag 60
 atcccaagac cttggcctac cttgccatac agagaaaaga taagccaaat ataagccaag 120
 ttt 123

<210> 24271
 <211> 267
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908219H1
 <400> 24271

ctcacttgcc ttatttttgg tcttgagatt gagctaaagg ccaactcaac catcgaattt 60
 gttggtgatt gaaagagaag gaagaagaag caggaaaatgg aagcagtgtg agctgggtcga 120
 aaggagcaat aggtctaggt caaggtgatg gcgtagctaa ggacagcact gagactgaac 180
 tcaccagaat ccgtctcttc agggcaattg ttgagaccgc tgatccctct tccaaggaag 240
 aggatgattt tatgattaga agattcc 267

<210> 24272
 <211> 266
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700908220H1

 <400> 24272

 atcttttgcta ttacctcttt ttccaaactc taaaaatttt tagttccaca aaaccaaacc 60
 aaaatggcag cagcctcggc ctcatccacc atgatatcaa caccagcctt atctccaagc 120
 caagcatcca aaagcaccat catttgaagc catccaacgt gtgctttcaa ggccttagac 180
 ccctcacaag gttcacaacc aaagtgaagc gcaccaccag aagggttatt ccaaagggtg 240
 gtgtcgggtg tagagctgaa ctcaac 266

<210> 24273
 <211> 255
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700908222H1

 <400> 24273

 gttttcttgc aaaaaaaaaa aactcttaat tggatagaat cagcccccaa agtgctccta 60
 ccacagttac aaggcctcat tttctatgag aagctgagac ttatgtgaag ccacatcttg 120
 taaggaaaca aatgtcttcc aaggagagaca ggccaagaat tgcttgccaa aagggtttag 180
 gcataactca gctccaggcg gattcgtgaa ctatgacacg ctaggctcta gtgggtgttc 240
 cggaatgcgt tcgga 255

<210> 24274
 <211> 265
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700908224H1

 <400> 24274

 tcgtaactcg cacatagtat ccctcagtca ttccgtgtcc atagttgcaa gttatctaag 60
 ccagttttgt gtatccctca cacaccgttt ccagtaacaa cacaacatca tgctttctcg 120
 ccctcacatc aatttttctg tttctgagat ccgcgccttc tcttcacttt cagatgggtc 180

002200-ET-034450

tgtctctgta gctcggaaac agacgacagg agaatttget gggggagagt ttcaattttt 240
caaatcctgt cgttgattca tttgg 265

<210> 24275
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700908226H1

<400> 24275

ggaactgagc aagcattggt tgctgaattg agtgccttgg atgaacatct caagacccat 60
ggtccataca ttgctgggga gaaagtcact gctggttgatc tgagtttggc accgaaacgt 120
accatcttgt ggtagcgtg ggctcacttc aagaattgcc gtattccagg aacttttgga 180
catttggcat ggcaactgtaa gctcctggtc tttgggtcat ttctcggagc agattccatc 240
atacctgacc ggagaattcc ct 262

<210> 24276
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700908227H1

<400> 24276

gtttctgact cagagaacca agagcaagtt tgtgatctct aaggaaggaa atgctgccga 60
gacactctac aaatttatga gacctgaaga cattcctggt cagtatggag gactgaatgg 120
cccagtgatt tgcagaatgg tcccccaaaa cctgcatctg agttcacaat caaaggagga 180
gagaaagtga acatacaaat agaaggaatt gaggctggtg caactatcac atgggacatt 240
gtagtgggag ggtgggact 259

<210> 24277
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700908228H1

<400> 24277

cttgtgggtg gaggaaggaa cgagaaatga aagaaacatt tgttgtgtct gtgtgtgtgg 60
 gtgggtggta cttagccaat tgtgagcaaa taacaaacga gtggcctttcc cttcttctat 120
 cctatatata ccattcccat cactcccat gccctctcaa ttcacttctt atcccccttct 180
 ctgattctct ccatatatta tctcaaacc cttcacaga atgggaagtg ctggaggaac 240
 tgactatggt gcatacactt a 261

<210> 24278
 <211> 256
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908185H1
 <400> 24278

tagtgacact gtttggtagc attcatgaga tgctccccga gacaggagca ggaggaagca 60
 tgcgaagact ctgtttccaa attttgaag catgttcagc acagctgagc cgcattgtaa 120
 aaatgaacag tgggatgaag agagcttaca aagggaaggt gaggactaca tgtcagatgc 180
 agctgatggg gactctgatg ataatttgca tagtccttta atctcacgac aaacaacaag 240
 ccttgaaaaa gacttg 256

<210> 24279
 <211> 265
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908152H1
 <400> 24279

cttctcttaa aagagccttt gctttttctt taggcctttc cgaattaaagt acttgtttca 60
 ttttctctcg aagcaagaaa aatgttcac gagagtttca aggttgagag tcctaacttg 120
 aagtacacag agactgagat tcagtccgtg tacaactatg aaaccactga acttgttcac 180
 gagaacaaga atggcactta tcagtgggtt gtcaagccca aaactgtcaa atatgaattt 240
 gaaaccaaca cccatgtccc taaac 265

<210> 24280
 <211> 163

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700908154H1
 <400> 24280

aaaaacaaaa ttgatcatct tactgatgta ttctccgaaa atggttgatt tacattggag 60
 atcaaagatg ccaagttccg acatgccttc caaaactcta aaactctctc tctccgacaa 120
 caagtcctta ccctctttgc aactaccctt ccgcaccaca gat 163

<210> 24281
 <211> 264
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908156H1
 <400> 24281

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 ttatgatgac accaaccggc ggagaaggag ctgagaagat ggatgcagaa gatggtgtaa 120
 actgcagtga ttatgagcat gacatagaaa atgaagaaag tggaggggtac tggtcagggg 180
 tatatgacag acacatggct catacaatgc cacttcttat gaagaggggt aacaccacct 240
 acccagattg ctattgttgg tgcc 264

<210> 24282
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908158H1
 <400> 24282

ggcagtcaag gcttgaaagg gtccataagt gatcagatta gtcttttgtc agatttggaa 60
 tttgagttct aatttgttcg tgggtgaaat accttctgga cttggtcaga aatccctgat 120
 acacctggac ttgtccaaca atcagttaac aggcccata ccagatagta ttgcctcttc 180
 aagtttgcag ctcgtgctac tgaatggtaa cttattggaa ggacgagtac cagagcaact 240
 ttattcgatt ggtgtgcatg g 261

<210> 24283
 <211> 263
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700908159H1

 <400> 24283

 caaagaagaa gataagctag ctaaggcagc aatgggtaat ccttctaagc ttttcccatt 60
 tttctttgca ttcattgtgt ttctgatgcc cttagtttcc ttatcccaca atgacttctc 120
 tacctttgcc ataaaaaccg tttcatacct agtttccttt agtgaaaatc caaaccataa 180
 tggccacatc accacaagct ccaatgaaag agacaaatca cgtctttgga ggaaagcctt 240
 cattggctta caaaatactc acg 263

<210> 24284
 <211> 262
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700908160H1

 <400> 24284

 gtggtggcaa tgggtagcga agaagagagg gttcttgaga atcaactgga acttcaattg 60
 caagagcaaa gggattctct ctctgctatc ggtcaagctc ttctctctga tccaactaac 120
 cctgaacttc tggcggtagc tctctctctc tctctctcac ccacacacac acacacattt 180
 caatcaacaa catttgattt tttcaataac cctttcaaatt ttctggccct gttcgatttc 240
 ccatttctta atcgcgtcag aa 262

<210> 24285
 <211> 265
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700908161H1

 <400> 24285

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 aggcagcgat ggacgtagga gccggcgacg atcattcccc ggaagccgtc atatcgcggt 120
 ggaaattcgc ggtgtcgcag cagtaccagc acatgctgga caaaacgacg ccgcacgttc 180

tccggcggtg gatcgggtgc ctggtggttg ccgccgtgta cgtgctccgc gtgtacttgg 240
 tccaaggctt ctacatcgtc tecta 265

<210> 24286
 <211> 268
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908164H1
 <400> 24286

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 gatgtttcct ttcgggcaaa aggggtcaaaa gataaagggg actatggtgg ttatgcagaa 120
 gaatgtgttg gatatcaaca gcataccagc tgttgaggagg atcgttgacc aaggcttagg 180
 gctcataggc agtgagtcg atgcacttac ttttgcagcc accaaaatct ccatccagtt 240
 gattagtgtt accaaggctg atgggtggg 268

<210> 24287
 <211> 266
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908165H1
 <400> 24287

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 ggctaccatc gttagcatca aggcccgcca gatcttcgac agtcgtggca atccaactgt 120
 cgaggtggat ttgacttgct ccgatgggtac ttttgccaga gctgctgttc caagtgggtc 180
 atccactggg atttatgagg cccttgaatt gagagatgga ggatctgact accttggaaa 240
 ggggtgtatca aaggctgttg acaatg 266

<210> 24288
 <211> 268
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908166H1
 <400> 24288

cttccccat ggctcgtcac tcttgctct tagccctcct cctcatcgcc gccgtggcca 60
 ccgccgcgat ggcggtggcc gcgtaccgac gccgacgaca tcctgatccg tcaggtggtg 120
 ccagatgttg gcgaagcgaa gaggaggaca acctgctgaa cgccgagcac cacttcgcga 180
 gcttcaaggc caagttcgcc aagacctacg ccaccaagga ggagcacgat catcgcttcg 240
 gcgtcttcaa ctccaacctc cgagagc 268

<210> 24289
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908168H1

<400> 24289
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 aggaagacaa tggcggtttc tctatcggcg ctcaaacct ccctctcttc adtttccttc 120
 tcttcccaca tttcccagag accaaacact ctctccttcg ccagaaccga atccctctcc 180
 gtctccgtct cgcgcttccc caaaaccccc tctccttcg tcgtttccgc caccgcactc 240
 gcggaaccgg aaaccgaaga cctc 264

<210> 24290
 <211> 145
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908169H1

<400> 24290
 cgtggacgcc ataatggaaa ccggaggcag aacactgaaa agcagagaaa cgatggcctt 60
 tgaatcggtg acgcagtcag cacctcctcc gagatcaaga ggaagaatca ccttgctcga 120
 aaaccccaaa acacccttcg ccctt 145

<210> 24291
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908170H1

<400> 24291

agaaagagta ataataataa agtggagaagaa aaagaattag gagagtgaaa caagaagaag 60
 aagaagaaga agaagaagaa gaagaattga gaagatgggtg tttgaggaaa ctgagctgag 120
 gctgggactg ggactatgtc tccctggaaa tggaaccacg gcaacaactg aagctgctgc 180
 tgcggaatta ggagtgagga agagaggggtt ctctgagact gaaactgatg aaacagccac 240
 cgttgatttg atgcttaacc tc 262

<210> 24292

<211> 258

<212> DNA

<213> Glycine max

<223> Clone ID: 700908171H1

<400> 24292

ggccaatcaa ctcaaatgg tcagcttaat ggaattcaat gcaataattt agttgaatca 60
 atctatatga attcttcattg tgacatgctg ggaaatatag tgcactcggt aaagattgaa 120
 ggtccatatt ctgggtgctg tccatccaat ggatctttac cttgtataag gtattcagtt 180
 tctttggctg tagaggggtga gaatctgaaa gaagttattg aagtttgtga tgagtttgag 240
 tttgaagtgg gaattggt 258

<210> 24293

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700908172H1

<400> 24293

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 caacctgctt caacaacgtt acatcacaca aagaagcagc aagcaatgag gaacagcttc 120
 ttgagcaata agcacaacag tgtgagagtg atgaaggggt ggagaggaag acatggtaac 180
 actaacaaca catccaaaag ggtaggaatt gtgcagtga gagggtagg ggacttcata 240
 ggtggagact tgataaagtt tg 262

<210> 24294
 <211> 261
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700908173H1

<400> 24294

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 acgaatttga aatactnaag tagaacacaa aactgtttaca ggtcttctac gaattattaa 120
 aagtgataga aaaggtgaag cagtggatag aactcttttaa gtccaccttt tgaagatggt 180
 tactgctctg ggaatttatg cagaaaagctt tgagaagcca tccttgaatg cacatctgaa 240
 tttgatgctg ctgaagggtg g 261

<210> 24295
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908174H1

<400> 24295

caacgcacga ggttgaagtt accgcgccgg cttccgctgt tcttgcgcca ccgggtttct 60
 atctgactgt ttgtgggtcca tcaagaagtt ccaagccacg gtatttgggt ccagatgggtg 120
 tgaaattgtg aattctcgtc tctgcctgct cgacaacttc gttcgtatat gttcttttta 180
 ttcaagttat ttattgttgt gaatgtctgg gagtgaacag attcttgagt gagtatttaa 240
 actgtaagat atgggaagat a 261

<210> 24296
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908176H1

<400> 24296

cggaaagaga gagagaagct agagagagaa agagaccaa ctaattagtg tagaagaaac 60
 agagacgctg tgtgggtgtg ggtgtgggtg tgggagagag agggagagag aaagcagaga 120

aaatccgaag cagttttctc acactttttg atcggaacct ctcattccgc gttcagattg 180
 cgccccccat ttggtcctta caatggagcg gttagggcgg gccagcgaag ggtcgcagtc 240
 tgatccgtcg ccggaatgga c 261

<210> 24297
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908177H1
 <400> 24297

ctcccaactc gccctcgact cacatccttg tccgattccg cgaactagtc gagtcaatcg 60
 gggttggaag gtaagatcta ttctgtttct tcgtcatggc aaccggacaa ctattctcgc 120
 gtactacaca ggctttgttt tacaactacc agcaacttcc catccagcgg atgcttgatt 180
 ttgacttctt ttgcggcagg gaaacacccat cagttgctgg aataattaac cctgggttctg 240
 agggatttca aatacttt 258

<210> 24298
 <211> 263
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908179H1
 <400> 24298

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 gatgataaat tttggagaat atggtaccat tactagtgtt ttaataatga gagatgctga 120
 tggtaaatca aggtgttttg gctttgtcaa ttttgaaaac ccagacgatg ctgccaaagc 180
 tgttgaggga cttaatggga agaaatttga tgataaggaa tggtatgttg gaaaagccca 240
 gaaaaaatct gagcgtgaac aag 263

<210> 24299
 <211> 263
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908180H1

<400> 24299

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gtgggttggt ctgtcccttt ctttggctct tggagtggcc aatagctttg attttcacga 120
caaggatttg gagtccgagg aaagcctgtg ggacttgtac gagagatgga ggagtcacca 180
cacggtttcg cgaaccttgg tgacaagcac aagcggttta acgtgttcaa agcgaatgtg 240
atgcatgtcc ataacaccaa caa 263

<210> 24300

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700908182H1

<400> 24300

cacctttgta aatacaattg ggacactact aggattggga agaagggctt ttacatttat 60
agtttggcaa atagatattg caactacctt tgtataattc tatttctgaa gaagcaatta 120
caatttaciaa gggatgggtg catttacggc ataaggatta aggagggata aagggaacca 180
ttgctttgga atatccactc attacaatgc atgtatgaca acacatagta atatgatgtg 240
tgtttttatt cagtgggca 259

<210> 24301

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700908183H1

<400> 24301

gaaaaataga aaagcgagga gccaggtgat gctaattgtga aaagaggagc agaatctcgg 60
ccatgtccac gtcaccgtcc ggcagtaccc tcggttaaggc cacggcggtg atgaagagcc 120
tcaacttcta cctttcagat cccccgcaa tcgtgacttt cagatggagt cacgacctat 180
gctgggggttc cacctggtec ttctctttct cctcaatcgc ctcttacgtc gtcgtttcga 240
tcttctcca cctcacatta gc 262

<210> 24302

<211> 197
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908184H1
 <400> 24302
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 tgtacgggtga tggccctgct aagaccatca tcaccggctg caagaacttc gtcgatgggtg 120
 tcaagaccat gcaaactgcc actttcgcca acactgcaga agggttcatt gccaaaggcaa 180
 tgacattcca gaacact 197

<210> 24303
 <211> 269
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908150H1
 <400> 24303
 acaaggcaga aagcaagctc atcctagagt tttaaaaatg gcagcagcct cctccatggc 60
 tctctcttcc ccattccttg ctggcaaggc cgtgaagctg ggcccatcag cccccgaagt 120
 cgaggagggtc agcatgagga agaccgtcac caagcaggcc tcctccggaa gcccatggta 180
 cggcccagac cgcgtcaagt acttggggccc attctctggc gagcccccg cctacctcac 240
 tggcgagtgc ccaggtgact acggctggg 269

<210> 24304
 <211> 215
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908122H1
 <400> 24304
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 gacagactcg tgaacatgct ctgctttcat tcacccttgg tgtgaaacag atgatttgct 120
 gctgtaacaa aatggatgct actacacca agtattccaa ggccaggtat gctgaaattg 180
 tgaaggaagt ctctgcctac ttgaagacag tagga 215

<210> 24305
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908123H1

<400> 24305

caaataacca aacttatcct atgtctgact tctacctttg tttcaacacc aagttcagac 60
 acaaagcagc gaggtttttc ataacaaagg agaatgaagg ctttttcagt taaagttgag 120
 gaaggaaggg aaggtaaaaa tggtaacctt tctgttggtc cagtataccg taacctcctc 180
 tcagaaaatg aatttcctcc aatggatcct gatttcagta ccacttgga tattttctgt 240
 gtgtctgtca aaaatcatcc caataa 266

<210> 24306
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908124H1

<400> 24306

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 tctttttctt cttctgagct tgtttaagct ctttctattt gattccatta acatatatta 120
 ttacaatgtg tggatattctt gctgttcttg gttgttctga tgactctcga gccaaaaggg 180
 tccgcgtgct tgagctctct cgcagattga agcaccgtgg ccctgactgg agtgggctcc 240
 atcaacatgg tgactgcttt ttagcaca 268

<210> 24307
 <211> 269
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908125H1

<400> 24307

gggtaagggg aagcattcaa aaccttcttg ttataaatat tgaacaccac attcaaagcc 60
 caccaggttg ctgtcgcccc aaagactgat cctgagtttt ggaagtcttt gttccctggt 120

002220.032550

gctgttgac atacaattgg acatgtagcg gcaacagtta gcatgtcaaa agttgcggt 180
tcattcacac acattatcaa gagtggtgaa cctgctttta gtgttctggt ttcaagatta 240
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<210> 24308
<211> 271
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<223> Clone ID: 700908126H1

<400> 24308

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agccgtttct ccgtcaaagc ctccgccaaa gagattgctt ttgaccagca ttttccgctc 180
tgctatgcag gccggcattg acaagctcgc cgacgccgctc ggggtcactc ttggggccag 240
ggggaggaat gttgtgttgg atgagtttgg a 271

<210> 24309
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700908127H1

<400> 24309

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atgaagggtta cttaaggct tggagacaag gcagaacagg ttaccctttg gtagatgctg 180
gcatgagaga gttgtgggca actggttggg tgcattgatc aatacgtgtt gtggtttcaa 240
gtttctttgt gaagggtgct cagctt 266

<210> 24310
<211> 269
<212> DNA
<213> Glycine max

<223> Clone ID: 700908128H1

<400> 24310

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agctaagcct gaacttctgg cggtagctct ctctctctct ctctcaccca cacacacaca 180
cacatttcaa tcaacagcat ttgatttttt caataaccct ttcaaatttc tggccctggt 240
cgatttccca tttcttaatc gcgtcagaa 269

<210> 24311

<211> 269

<212> DNA

<213> Glycine max

<223> Clone ID: 700908129H1

<400> 24311

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cctcacactc acatatacac atatctgaac gcgtatcgtc cctcctatgg cttcaaagcg 180
catcctcaag gagctcaagg acttgagcaa agaccaccca acttcttgca gcgctgggtcc 240
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<210> 24312

<211> 271

<212> DNA

<213> Glycine max

<223> Clone ID: 700908130H1

<400> 24312

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tagggcaggg aagaataaga gggatgtaca aagaacgaga gcgagttggt gtttctgttt 180
ccgcttccaa atcggaggat cggaagcgaa tcaacgacgt tctcgataag cacttggaa 240
gacctctctc ttccacttct cgccccatca c 271

<210> 24313

<211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908131H1

<400> 24313

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 gaacacaaaa ctgtgaaatt ctgaagccac taggcctttt aaaaaccaa ctaaggaaga 180
 cggtttagac agagagtact tcaagctaag aaaatggaaa gtgggggtgt ggctgtgaac 240
 aacaacatca acaactatga atccaag 267

<210> 24314
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908132H1

<400> 24314

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 gggttcatgc tgttgggtat caagtacga gcccatgttt ggggtccatca gatccaatgt 180
 tgctctgtga acaaaaggga gaatatccca aaactccaga tccagaaaat gcgattgaaa 240
 accagcttgt ttcaaccca tacgttacta ag 272

<210> 24315
 <211> 273
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908133H1

<400> 24315

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 catcatcttc aagaatgtcc aaaaaacat tctcgggact cggaacctc gtcaagctcc 120
 ttcccaccgg cactgtcttt ctgttccagt tcctcatccc tgtcgtaacc aacagcggac 180

actgcaccac tcttcacaag tacctcactg gctcttacct tgtcgtatgc gcattcaact 240
gcgccttcgc ctccttcacc gacagctaca ccg 273

<210> 24316
<211> 269
<212> DNA
<213> Glycine max

<223> Clone ID: 700908134H1

<400> 24316

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tcttgctgcc gatagttggc aatgcagctg aacatgcagg agcaattata tttgccttca 120
agaacaagct ggtgagaact gagagagtga taatattatc atattggcca agcaataaat 180
ttattttaatt aaaatgttaa ttagttaa ctaaagtaat tccttgaaca caggacatct 240
cattgggtgt tgcattaggt tcagcaact 269

<210> 24317
<211> 81
<212> DNA
<213> Glycine max

<223> Clone ID: 700908135H1

<400> 24317

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cgagagaatt ctgaagccat c 81

<210> 24318
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700908136H1

<400> 24318

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ctcgtagtct tgggtgctgct atcatcttca acaaggacct tggttgggat gatcactgga 120
tcttctgggt gggacctttc attggtgctg cacttgcagc actctaccac caggtcgtaa 180

002220-ET1F560

tcagggccat tcccttcaag tccaagtgat tcaatcacac cgttcatgct taatcaagtt 240
ggggacaac 249

<210> 24319
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700908137H1

<400> 24319

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aacgaccctt tgaggagaat tgggaggtgt gaccaaaaaa aagaagccat tagtggctct 120
gaaattggag ctgacaattc tctgcagca ggagcagctt cttcattcta atctgggtgct 180
atcctatctg agctttttac tactactact accctttctt tcttcatcta atttctacca 240
cacttttctc tttgttttt 259

<210> 24320
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700908138H1

<400> 24320

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accttgaatc agcctccaaa ggactgctac attgttgctt caacaagatt taccgagaca 120
cctctcacta caactgcagt actacactat gcagactctt tttcctctgc attaggaccc 180
gtgcctgctc cccccgttga taaatatgac tttgattggg ccatgaagca agctagaacc 240
tacagatgga atctgagag 259

<210> 24321
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700908139H1

<400> 24321

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 ttcaacaatg actctctctt catcatcatt ggctggccaa gctatcaagc ttgccccctc 120
 caccctgag cttggtgttg gaagggttag catgaggaaa acagcctcca agactgtttc 180
 ctcaggaagc ccatggtacg gccagaccg tgtcaagtac ttgggcccac tctctggtga 240
 gcccccatcc tatctcactg gtgaat 266

<210> 24322
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908142H1

<400> 24322

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 gcaaacaatca ttcttccaag accaggtttc ccactctatg aacttagcgc ttcattttaga 120
 ggagttgaag tgaggcatta tgatctgctt ccagagaaaag gttgggaggt tgatctagat 180
 gctgttgaag ctcttgctga tcagaacact gttgctttgg tgattataaa tcctgggaat 240
 ccttggtgga atgtgtacag tta 263

<210> 24323
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908143H1

<400> 24323

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 agatcctgct aatgataatt tcacttttgt ggatgaaaac tccttatggt caccttcaaa 120
 accagtcaac caacgtgatg ctgatctcat ccatttttgg gataagttcc gcaaagctcc 180
 tgagggttct ctcaggaaaa atacagctca gaaacaagtt ttggaagcaa tgtctcacag 240
 aatgcatgta gacaacagtg taaa 264

<210> 24324
 <211> 260
 <212> DNA

<213> Glycine max

<223> Clone ID: 700908145H1

<400> 24324

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 taaccctaatt tttcgccatc gtagggggccg aagccgatat ttccatcgaa ggaagcactc 120
 cagagcctta tacctccgcc atcaggatcc aattagatca actcaattcc aagatccaaa 180
 ttctcgagtc tcaaatcagc gaaaagttgg aagaagtga gaagaaggac gacattatgg 240
 cagaaaaaga aaagtccatt 260

<210> 24325

<211> 268

<212> DNA

<213> Glycine max

<223> Clone ID: 700908146H1

<400> 24325

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 gggacaagag cagcctcagg cttcagcttc tcagagatct ggctcttgat agtagccaca 120
 gcactcatct gtggctttct cgggtacata gtttatgatg caatcatggc cactgcttct 180
 gagttgctgc aacgtttgct ggtaatttct ccactgttct tgatcatcat tgttcactgg 240
 ctctccactg caacccaaat aagcttcc 268

<210> 24326

<211> 268

<212> DNA

<213> Glycine max

<223> Clone ID: 700908147H1

<400> 24326

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 gatttgctgg cggtgattac aaatcacaag catttatcat ggtccttttc ccatcttttg 120
 tgaatggatt ggtaagaact gtgtcaatca agaaagagaa gaattgtcaa aaggaggatg 180
 gaagaaaagc tgtggaagaa ttggcaaagg aagcaaggaa gaatgaattg ctattgagtt 240

catctggagt tgtgaagtca accaaggc

268

<210> 24327

<211> 178

<212> DNA

<213> Glycine max

<223> Clone ID: 700908148H1

<400> 24327

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gctgcactgt tgatattgga catggaaaaa taggtatcca cacctgaatg cacttgtcca 120

tttcttgcca ttgtatatac cttgtgcctt gtgtattcta gataacattt ttttttac 178

<210> 24328

<211> 144

<212> DNA

<213> Glycine max

<223> Clone ID: 700908121H1

<400> 24328

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tttgttgagg tgaaagtga atggttggca aggataatct gagggctgag gacttgaact 120

tgtgctttaa gaagcttatg atgg 144

<210> 24329

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700908067H1

<400> 24329

caacttttat acacactctc tcagtcactc agataccctg gatctagtgg aaatcccgat 60

gctgtgaagg ccctctgttg gcatagagct tattagcagg attcattgtc aagagagtaa 120

ggaagaaagc tcagaagcag agtctgtttg ttcacttgga tgccacatat cgcaggaggt 180

caagcatttg cgtgaaggga taaaacatgg gttaaaatcc gagttagaaa aggcttcact 240

tgtgttgggc cgta 254

<210> 24330
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908069H1

<400> 24330

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 accccacaag gccaacggtg ccacgtgtca ccctgaggaa gaagcggggc tggtagggctt 180
 caaatccggt atccgatccg acccggtccg cctgctcagt aactggatat cgggtacgga 240
 ctgctgcac 249

<210> 24331
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908072H1

<400> 24331

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 ccatttgaga acctcttgca gcacctctct gaccggtggc acaacaccat catcaataga 180
 attcgtggct actaagtttg tatccagtgg acatggataa gcctgtgtcc ttctcgtgta 240
 at 242

<210> 24332
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908074H1

<400> 24332

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cgaggttctg acaagggagt tagccgagga cggatactcc ggcgtggaag ttaggggttac 180
 gccgatgcgc accgaaatca tcacagagc caccagaacc caagccgttc tcggtgagaa 240
 gggaa 245

<210> 24333
 <211> 235
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908076H1

<400> 24333

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 tttcttttaa ttgtattaac taaccagtgt aattagatac cctacaagtt aggtactgtc 180
 ccctggcatg tagttgtatt ttagggggaa taatggggtg gtccttaggc tttgt 235

<210> 24334
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908078H1

<400> 24334

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 cttaccaccc ctgccagtgc cagatcccca tcactacgca tcttggttag caccaagcct 120
 aaccagcttg ttgcaaggc acagaaacga cagacaccac aagaggatat tgatgtcagc 180
 ccaatctctc gccgttttagc tctaactgtg ctcatgtgtg ctgctgctgt tggctccaaa 240
 gtccaacctg c 251

<210> 24335
 <211> 99
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908081H1

<400> 24335

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 ctgtccagaa gcactacgat gatcagggtc gcaagggtcg 99

<210> 24336
 <211> 242
 <212> DNA
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<223> Clone ID: 700908084H1

<400> 24336

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 gagcacacat gatgtcaact cgtggagaac aagaactgaa aatgggtcat tgatgagaga 120
 tattccactt gatcacatct cagacaattc agcctccaaa agttgcagga gagaaaatag 180
 tgggtactgat gatcagatgc ttgaattatg ggaaactgcc gagcaagatt gcttggctag 240
 tt 242

<210> 24337
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908086H1

<400> 24337

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 gctgagttac tactctaaaa gctgccccaa agctgaagag atcatcaagg aacaagtcac 180
 acaactgtat gacaagcatg gaaacactgc cgtttcgtgg gtcagaaatc tcttccacga 240
 ttgcgt 246

<210> 24338
 <211> 171
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908088H1

<400> 24338

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 tgggactttg atttcaaata atctctatcg aatttgaact agttggaatt g 171

<210> 24339
 <211> 240
 <212> DNA
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<223> Clone ID: 700908089H1

<400> 24339

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 attggagact ggggaaggaa aggaacgtgc agtaaattctc aagttgccac tcagatggga 180
 agggttgctg caaagttaga tatcgacttt gtgatatcca ctggagacgg tttctacgat 240

<210> 24340
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908091H1

<400> 24340

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 ctcagctgtc aaatttggca acttcaagct caatctggca tcttctcacc aatctacata 180
 gagctccgcc tcatcatatc ttacccttct ctctccaac agatctctcc gaaccttatt 240
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<210> 24341
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908095H1

<400> 24341

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 caatgctaac gcagtgtttg gtgtaaaggg tggacgtgga ggtgggtgtga ctgccatggc 180
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 tgtatacatt 250

<210> 24342
 <211> 280
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908101H1

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 cgttaatgtc gatgttggtg aaagcatgag aaggattgcc atccaagaaa tgaacagaaa 180
 ggacagggaa attgatgggc tgaatgaaca gctggaggag gattcacggt gtctagagca 240
 cttgcaactc caacttggtg gatgacaaaa gcatacgcg 280

<210> 24343
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908102H1

<400> 24343
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 aatcatgtcg tggcaagcgt atgtcgacga tcaccttctg tgtgacatcg aaggtaacca 120
 cctcactcac gctgctatca tcggccaaga cggcagcgtt tgggctcaga gtaccgactt 180
 ccctcagttc aaacctgagg agataactgc catcatgaat gactttaatg agcctggatc 240
 acttgctcca actggattgt atctcggtgg cacaaat 277

<210> 24344
 <211> 268
 <212> DNA

<213> Glycine max

<223> Clone ID: 700908105H1

<400> 24344

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 agcggagaaa aaaggcaaca acttttcatc tctacgcaag tggttatggc ggttgctgag 180
 aatgttgggg ccaaaatcgg ttcttcgagc cagagcttgg agaacgggtt agtgtcagcg 240
 gattcgggtg aggttgagaa atcgaaaa 268

<210> 24345

<211> 271

<212> DNA

<213> Glycine max

<223> Clone ID: 700908106H1

<400> 24345

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 tcatgtcggg taacacttta ttcagacaac actatacttc ttaatcaaaa tcaaatgacc 180
 taaccactct ctctttttcc caattttcga atctctctcc tccatggacc caacttcgat 240
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<210> 24346

<211> 269

<212> DNA

<213> Glycine max

<223> Clone ID: 700908109H1

<400> 24346

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 gctgtcacca ctggcaattt gcttttctct ggaaataact ataagaaatc agtccaagta 180
 aggctgctgc tgtgatgcgt agtttgtgta taatcttttg gagtatcagg acaagtttaa 240

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269

<210> 24347
<211> 269
<212> DNA
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<223> Clone ID: 700908111H1

<400> 24347

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acaattacat gaataatcaa ttgatcgatt ccccttgatc gctctgtttt actgtccgtt 180
tcaaattccga cagcagccca gcccgccccg gcccaatcat gactcccaaa ctccaaaccg 240
cggcctccgt ggtggccacc gcatgctc 269

<210> 24348
<211> 208
<212> DNA
<213> Glycine max

<223> Clone ID: 700908113H1

<400> 24348

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gttgtgccaa ctattgatct agtgcgtcga ggtggagtgc agtggactat ttatggagcc 120
aattcaatgg ttatggcaaa gaaaaatgta gcatgtcttg caattgttga tggagggaca 180
gagcctagaa tgtcgttcgt tagagctt 208

<210> 24349
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<212> DNA
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<223> Clone ID: 700908114H1

<400> 24349

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gcataggaag cgtgcttctt attttggtca ttgtttgcgt tgtttgctcc aggaagaaga 120

agaagaatag aatgtactat tatgcaggag agcaatccat gggaaaagg aataataata 180
 actattacaa tagcgggcaa cacccaaatt attacggagg tccacatggg gaccatgttg 240
 tgaggatgca acaaaatgga atgggtcttg gt 272

<210> 24350
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908115H1

<400> 24350

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 gtacactgca aaatggaagg aaacagatac atcttttgag aagagaatgg ataaatactc 120
 tcagtcttct tctttgccac atcacttga gattcactgg ttctcaatca taaactcctg 180
 tgtaacagtt cttcttttga ctggttttct ggcaaccatt ctcatgcgtg tattgaagaa 240
 tgactttatg aagtatgctc aagatgagga a 271

<210> 24351
 <211> 84
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908117H1

<400> 24351

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 aaacaccacc ttttggcttc ttct 84

<210> 24352
 <211> 143
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908118H1

<400> 24352

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cgctttgagt ttcttttagc cat

143

<210> 24353
<211> 273
<212> DNA
<213> Glycine max

<223> Clone ID: 700908119H1

<400> 24353

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cggcgagtta tccctcttca attactcgta agattcatcg atcacaaact tatattgatt 120
tcgtttttct gacactgac ttatttttcc aatcggtttt cttctccaac atttatcgct 180
tccagaatcc agatctggat gcacatgaac cattgtttgc atttggggca accttgattt 240
gggtttttta gtgctttatg gaaactgtgg tct 273

<210> 24354
<211> 270
<212> DNA
<213> Glycine max

<223> Clone ID: 700908120H1

<400> 24354

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ggcggacaat cagttacctt tgtgggtaca agcttagtaa tttttggtgg agaagatgca 120
aagagaactc tattgaatga ttacatatt cttgatttgg aaaccatgac atgggatgaa 180
attgatgctg ttggggtgcc tccttctcca aggtctgac atgctgcggc tgttcatgtg 240
gagcgatact tgcttatctt tgggtgggggt 270

<210> 24355
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700908066H1

<400> 24355

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 gtggccctga taaagttttc aaagtctaag catcttcttc cttgtttctca tgcattgctg 180
 atggaatcga cgacgcaaaa gaacaaaagc aaaaagtcac cgctgttgat gcgtctcaaa 240
 cccgttatgg gcttcga 257

<210> 24356
 <211> 259
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908003H1
 <400> 24356

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 tcaaattcaca cttttgtgtt gtgttgggaa accctaaacc ccgttttcgg tgagatcgag 180
 atcgatcgaa catggatgag gactacgatg tgatcgtgtt gggcacgggt ctcaaggagt 240
 gcattctcag cgttcttct 259

<210> 24357
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908006H1
 <400> 24357

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 ctttttggtt cagaaactct gtacagttaa tcaaacccta cttcacctca ccggttttag 120
 ctgttaattt aatatataga tagaaatcca aggaagaaga tgaagcagtt tgccgtccaa 180
 aacgtcgtcg ttccatccca cgatgagatt agcgttggtt gcccgaagcc ccgcccctc 240
 ggctcttca acttccc 257

<210> 24358
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908008H1

<400> 24358

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 gacgatgcgc agaccactct ccctcgttcc tcgatgccct tctctgcgaa gagcgagaaa 180
 ccttcgagga agactttgat gagaacggtt atgagcgtga gaccgaaaac aacgaaccca 240
 ctgtgataaa gtcgc 255

<210> 24359

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700908009H1

<400> 24359

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 ggtctccac cagaaactgt gttccaacca cttcttaaag atgaccttgt ggccaaaggg 180
 ctagtctgt ctttatgac tgacttcttt aaggagtatc tgattgacaa cagtcttgat 240
 gatcttgttt caa 253

<210> 24360

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700908010H1

<400> 24360

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 gatttcgctg atcttgaatg ttgaaatga aaatttccat gaccaaagtc ttctttacct 120
 tctaatttgg ttggaattt tcgtgggcat gaaaacaagg cttttcattt cccaagggtg 180
 atttggattg gaggatgggt actaagagtc tcttaatgct taagtccac attgattcca 240
 tcaacatagc a 251

<210> 24361
 <211> 253
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700908011H1

 <400> 24361

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 taccagtggg caaggaaatt tttcgaactg atggcgaaca gttcctcaag tatccaccac 120
 ttaacgtggg tcaggtggat aagtctgcat ggggtgactga tgaagaattt gctagagaaa 180
 cgattgctgg tgttaatcca gatgtcatta agattcttga ggagttccca ccacgtagca 240
 acgtagattc tcc 253

<210> 24362
 <211> 233
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700908012H1

 <400> 24362

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 gttggtgctg gatcatccaa ttttatgcat ataaaaaatt ggactttgta ttggagtttg 120
 gtgctgattg acagcgttgt tttcatgcac tataatgtgc gtttgccttg ttcttttggt 180
 cctctgcact ccaagttgaa tactttttgt aagtgtttat ttttattata atc 233

<210> 24363
 <211> 264
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700908016H1

 <400> 24363

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 ctctcttttt ttgttccac ccttttgaaa agcttttgat cagcatctta gttgtcaatt 120
 tgttggatct cacatttctt gattgggcat ggaattttta atctcccttt tcttgggtaa 180

tttgtgggta agtacaaaac aatctcagga atcttctccg tggaacgcat gtgtgaatta 60
 ttcaattgca actactgcta tgtgtatttt ctttttgcct aatcatatac cataaacatg 120
 aagttgtgct tccttttatt gagaatgctt tagcatgcat gattatttat agagcggttc 180
 atatataagt atattttta 199

<210> 24367
 <211> 253
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908023H1
 <400> 24367

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 ctagtaacct atgaatagca ttgcatgca ccttagtctt caccaaaata ctctcttgg 120
 catcttgctc tgtgtccctc ttttaagcta tttccttctc ttaacacaat tggttgtgcc 180
 aattgccata gtcaccaacc aattaacaaa ggtatatata tcatcatatc atcaccaat 240
 gagaaatatt ggg 253

<210> 24368
 <211> 243
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700908025H1
 <400> 24368

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 ttgctcatgt ctagtgtctc tagcagttat tccgtggatt tgaagaaaga ctttttcctc 120
 caattgcaga gtcaaagttt aaggcctaag ttctctcaac tctcattcaa ccacttcca 180
 ccatcaactt cttctccttc ttcaccccggt agattcacia ccttggtctt cttcaaactt 240
 aag 243

<210> 24369
 <211> 249
 <212> DNA
 <213> Glycine max

<210> 24372
 <211> 148
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908034H1

<400> 24372

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 ttcaggtata tttaggaagt gccggtgcgc tagacgtgga aggcaacgcc gcacccccac 120
 ttgtgtatat ttcacgtgaa aaacgtcc 148

<210> 24373
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908038H1

<400> 24373

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 atgtgcccag taccaagctc agcttcaaaa gaatttgatg tatttagctg caattgctga 120
 tgcccagcct caaacaccag ccatgcctcc acagatggca ccacaccctg ccatgcaacc 180
 aggattctat atgcaacatc ctcaggctgc agcagcagca atggctcagc agcagcagca 240
 aggaatgttc 250

<210> 24374
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700908041H1

<400> 24374

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 cttttccttc cgccatataa aatctactat tatttctcat tttcatttca acgtaacgtt 120
 gatgggtctt cgcttttcgt cttccgaggc ggcggcgctc gaatcggcat cgccatcgtc 180
 cagtttgggc gaattgcccg agagctgcgt cgcccagatc atgacctaca tggatccgcc 240

ccagatttgc

250

<210> 24375
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700908043H1

<400> 24375

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ccatcccagag ctcggtttct cagatttacc gtctggcaga tctggatctg tctcgtaacc 120
agatttctgg gccattccg gagtcgctgg gtaaaatggc ggttttatcg aactaaact 180
tggaatgaa taaactctct gggccattc cggtgagtct gtttagttcc ggaatcagtg 240
acttaaacct gagccggaac 260

<210> 24376
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700908044H1

<400> 24376

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tgctttgctc acattgaatt tcgaaggcgt agagtgagat ccgaacgatg aagagagtat 120
tcggcgtaaa gaagaacaag gatccacccc cttccattca ggatgcttcc gaaaggatta 180
caaaacgagg tgacacggtg gatgacaaga ttaagaagct tgatgccgag cttagtagat 240
ataaagagca g 251

<210> 24377
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700908046H1

<400> 24377

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tcggatagaa gttttgggat gagaaacttc aagtagctaa acactgtcaa agcagcgggt 120
gagaaagaat gccccttcac agtgtcatgc gctgacattg ttgctctttc tgccagaggt 180
gccattgctt tgttgggagg accaagcatt gaagatggga cagggagaaa ggacagcaaa 240
gaaagctatg ca 252

<210> 24378
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700908049H1

<400> 24378

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tagcattgac tagtgcgatt aaaattggga atcatatata tgctggttcc attttctacc 120
cctttgtaac acgttttgat gttgagaaat atcctgctct cccacagtt tcagcaacag 180
tgaacatctt gtaagggttaa tgatgtacaa gaaaatgttt agtttctgga gtgtcatgat 240
gtgaaaatgt ttagtttctg 260

<210> 24379
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700908057H1

<400> 24379

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ttgtgacccc atcattctct tcttccact ccaacaagtt catgctttct tccctctcag 120
agaggaaaga tggcatatct gtggtcagat ctgatgctga tgcaaggatt ctgaagactg 180
gagctcgtaa gcatgaattg ttgggttacta atgcagttgc aacaaggga gccagttctg 240
cggcc 245

<210> 24380
<211> 218
<212> DNA
<213> Glycine max

<223> Clone ID: 700908065H1

<400> 24380

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 tttgaatccc tctctctcct ttccaaatgg ccagcgttga gggtgcacat caaacaccaa 120
 caacagttcc agaaaatgaa acaaccgagg taatcaagac ccaggaaaca accccggaac 180
 cagtaccagc cactgaggct cctgcaacag aacaagca 218

<210> 24381

<211> 272

<212> DNA

<213> Glycine max

<223> Clone ID: 700908001H1

<400> 24381

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 ccggacgaag acgatacctc atcgacgctt ctggatctct cgagttacca gctccacgac 120
 cttgactcgg tcgagttgcc acccagcctc accgagttgg acctcaccgc gaatcgcttg 180
 tccacgctgg acccgcgcat agggaaacctc tcccatctca agaagctctc cctccgcaa 240
 aacctcatca ccgacgccgc cgttctccct ct 272

<210> 24382

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700907939H1

<400> 24382

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 gtgcttggcg attgattacc ccagaaggac tttgtttgtt acaagaaacc aagggaagt 120
 ttcatgtctg aattcgacac aaacatccca actgcttttg atccctttgc tgatgcaaat 180
 gctgaggact caggtgctgg gacgaaagag tatgttcatg ttcgtgtaca acagcgcacg 240
 gaaggaaaa 249

<210> 24383

<211> 254
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907940H1

 <400> 24383

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 gctagtttcc ttttcggatg gggaatcaca attggtgctg gtttggttcc ttaccccatt 120
 gacactgttc gtagaaggat gatgatgact tctggagagg ctgtgaagta caagagctct 180
 ttgcatgcat tccaaacaat cgtcgcaaat gagggtgcca agtcactctt caaaggtgct 240
 gggcaaacat attg 254

<210> 24384
 <211> 251
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907942H1

 <400> 24384

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 catgatcctc ttggagaaat tcggcttcac ccacaccggc cacgtgtcga tctctgtctc 120
 ctccgtcttc gtggtggcct caggtgggtc ccaaccgat ccctcccgat tagggttctt 180
 tctctgagc gaagagtccc tctgcaagt cctgatcgag atccagcaaa accctagctc 240
 tgcgtcctcg a 251

<210> 24385
 <211> 249
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907943H1

 <400> 24385

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 ccgaaagcgc cgaaaaatac tagggcaaga ttttggtgat gtccgctggc acaagactgg 120
 aagaactaaa ccagttgtct ttaatgggat tcaaaaaggc tgtaaaaaga ttatggtttt 180

<211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907963H1

<400> 24394

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 cggtgatact aacatgggtgt taaggaggtt tgaaaaatgc ggtgaaattt tgaaacatgt 120
 tcttggtcct agagatgcta actgggtgca cattttgtat cagaatcgat ctgatgcccc 180
 taaagctctc aacaagaatg gaatgcaaata taatggagta ctaattgttg gtgtaaactg 240
 ttggat 246

<210> 24395
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907966H1

<400> 24395

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 acaacatcag cgatccaacc ttagtattct tcaaccacaga gagatttgta ataataaatt 120
 acaacaactt aaacgatggc aggaggagct tatgtagatt cgggaaatgc aaagcaattt 180
 gatgggaagg tcacggcatt cgtattgggtt acatgctttg tggcagccat gggaggctta 240
 ctctcggtta tgate 255

<210> 24396
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907967H1

<400> 24396

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 tcatctaata aagtacttgc tccacagcat aagtcaggat cacttcgtta ggcactctgg 120
 cgacattgtg tactaccaga ctgattccca gctccacaaa gattcttgga ccagtcctaa 180

ctaaagtttt tgatgctaca ttacctatt tcactcttaa atactatttc ctatgtaata 240
tgaatttaga atat 254

<210> 24397
<211> 95
<212> DNA
<213> Glycine max

<223> Clone ID: 700907969H1

<400> 24397

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ccgttgtctt cattttcact aggtccacac aacat 95

<210> 24398
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700907971H1

<400> 24398

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ctataccggtt aaggccaccg ttcgcgacac aagtgatccg tataaaataa accacttggt 120
tggcctcgac ggtgctaagg agaggctgca cctctacaag gcgaatcttc ttgaagaagg 180
ttcctttaac tctgtcggtc aaggttgcca tgctgtgttt cacactgctt ctccctattt 240
cacaatgtca 250

<210> 24399
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700907974H1

<400> 24399

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ttctcaagtc tctttggcat cactcggtat cagttttgtg ctgctcttta aaggcattac 120
ccgttttcac gtttgcaaact caagctggac ttgacatgct tgagacaact ttggttgac 180

ttcaagacat cactctggaa aagatttttg atgacaatgg aaagaaaact ctggcactga 240
gttcc 245

<210> 24400
<211> 242
<212> DNA
<213> Glycine max

<223> Clone ID: 700907976H1

<400> 24400

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gggcaagctc tgttcagcat tttggaaaga agaaggatag gagcttcocct cagccaaaac 120
ctgcaaaaacc tctacctgac atcatcagtc agagtggcca ccagcatgcc atagcgtatg 180
tggaggggaga taagtattat ggagccaagg caaccataaa cgtctggggac caaaaattca 240
ac 242

<210> 24401
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700907978H1

<400> 24401

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aacaacagga ggacgaaatg gagtatgttg ctgatgataa tgaaatggcg gaagtagaag 120
atgacatgta tttccgtggt agagtgtttg gtgattcaga gtccgaatca gatgacgatg 180
atgaatatga ctccatggaa aatcggatga cagatacctc tgctgcagaa gccggaaagg 240
aaag 244

<210> 24402
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700907979H1

<400> 24402

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 ctttccacag cctcaagccc cccctccgtc tccctccccc caacgccgcc gtctccgcag 120
 ccgccttcgc cctcttctc cgccgcaact cgcagttacc cgggactcct ccaccgccct 180
 ttatcgactc tgtccaccgg ccaaccgct ctgcactacg gcgatgctcc tccaccgcgc 240
 caaaaccctt agcct 255

<210> 24403
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907980H1

<400> 24403

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 cagtagtaat gggtaaggaa aaggttcaca ttaacatcgt ggccattggc catgtcgact 120
 ctgggaagtc aaccaccacc agtcacctta tctacaagct cggaggtatt gacaagcgtg 180
 tcatcgagag attcgagagt gggaagctgc tgagatgaat aagaggtctt tcaagttgcc 240
 tgggtg 246

<210> 24404
 <211> 164
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907983H1

<400> 24404

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 cttcggggag ttgaaaataa gcgtagatcc ggggattccc gatataggtc aacctatcga 120
 actgctgccc accctggaaa cggtcagcc ggaggtaggg tcca 164

<210> 24405
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907986H1

<400> 24405

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 gatccggacg gcggttctctt eggcacgtgc aaccctctcc tcgacatctc tgccgctcgtc 120
 gacgacgctt tcttgcaaaa atacgggtatc aagttgaacg atgcgattct cgccgaggat 180
 aaacacaaaac ctatgtatga agaattggct aacaatccta atgtggagta cattgctgag 240
 gtgctactc 249

<210> 24406

<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700907988H1

<400> 24406

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 ttgatggagg tgaggcagca cttgatggga gctcaagata tggaagagaa gatgaagctg 120
 atatggactc atctgtcttt gtcaaata acagaatggt acatgggaag aaaactggaa 180
 gaggtcaaaa acgtgatagc cttacaatta agtttcttaa aaaatttctc cactagctaa 240
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<210> 24407

<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700907995H1

<400> 24407

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 atatggactc atctgtcttt gtcaaata acagaatggt acatgggaag aaaactggaa 180
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 gca 243

<210> 24408

<211> 260
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 <213> Glycine max

 <223> Clone ID: 700907937H1

 <400> 24408

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 agatagaaac catgccgttg cttttgcagc agcaactgcc gctgccgccg aggcggcggt 180
 gcgcagctgc tcaagcagct agctagagtt gtaagattgg cgggttatgg acgccagccg 240
 aaggaagaag agctgcaata 260

<210> 24409
 <211> 267
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907894H1

 <400> 24409

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 tacttttcaa tcactcccca ctttggaaat tcaagggttt gagcaaggag gaggaagact 180
 cattgctagg gcaagtggaa atatggaggt acatgacatg cttcacggac tccgtggcct 240
 tgaaagctgt catagagctt cgtatag 267

<210> 24410
 <211> 265
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907895H1

 <400> 24410

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 gcggtttcaa tttcaaaggg gcagaggcag cacgtgcctt ctttgtgttt ggtgattctc 180

agaataacca tgatgaaatc gactttgagt ttttggggaa cattagaggc aaagactgga 60
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 gtctctgggt tgacctgca gatgatttcc atcagtacac tattgtctgg acagactctc 180
 agatcatatt ttatgtggac aatgttcta ttagagaagt gacggaaca gaatctatgg 240
 gaggagattt ccttctaagc caa 263

<210> 24417
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907907H1

<400> 24417

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 gcttacagag aggttaggca aggatttcc atctaatacg aatcctgaga ttttccgctg 180
 tgcggtttgc caagcagatc agccctctgt ggacagtta tcaatgaaca ctgggccttt 240
 tttccccag tatctaagcc 260

<210> 24418
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907908H1

<400> 24418

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 cccgcttcga accgtggctt cctcggcctc gcagaacctc tctgaagaa aatcttcttc 120
 ttctcttcg ttttctcaac aaacttccgg gtcgacctcg atcgtttacc gcgaacctcg 180
 gatcccatcg gaatccaatt ttccgatctg gcagcagaac tggttcatcg cattgtcttt 240
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<210> 24419
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<213> Glycine max

<223> Clone ID: 700907909H1

<400> 24419

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ctgtgggatgg caagggtatc ccctgggaca aacaagatcc tggggaagag gctatcgaat 180
cact 184

<210> 24420

<211> 86

<212> DNA

<213> Glycine max

<223> Clone ID: 700907911H1

<400> 24420

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tgattgagta ttgagcatgg aggcgc 86

<210> 24421

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700907912H1

<400> 24421

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gatttggggg attgagttgg aaggggaaac atggctgctt cttctgcac tctttctggt 180
gcttctgctt cggatcttct gaggagtcca accagcgggt tcaatggtgt tcctttgaga 240
ccatggggaa ggg 253

<210> 24422

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700907913H1

<400> 24422

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tattcttata gccacagaaa atagaccatc atagctcggg ttgtggaact tcctgtgatg 180
agctcttcag ggaaacttcc acccatacta gtagtgaatg ttcagattcc tatttacct 240
gccacacttt ttcaa 255

<210> 24423

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700907914H1

<400> 24423

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taaaatgcct tacactttgc tctatccttc tagtgaggag ggattgactt tcagaggaat 180
tccaacagt atctccatct aggggctcta tgggtgttgc agtactttcc ctggttttca 240
ataaagtga taga 254

<210> 24424

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700907915H1

<400> 24424

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attcgtaga aatgctgaag aggtggactc aggggaacct ttcagaatct gcagctgatg 120
cggagaaatt ggttgccggag ttgtaatcac tttcggttatt gcaattagtc cagaaaaggg 180
atacaaaagt attatgcaat aaagagaagg gaattaaagt gatcagcatg tggtattaat 240
taaaagtga attg 254

<210> 24425
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907917H1

<400> 24425

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 gcacgtgttt ggtgttgtga gttttaagct caagcaagct gaaatgccct ttgcatgttc 120
 cagcttaatc cgcaagcata tcggagattc tcctcagcgc aatgtggctc taagacgcag 180
 agcaaattgga acaattcttc cccaaatcag agcccagaac gttcttccag actatgttcc 240
 aaaatcggag tttataaagt agaa 264

<210> 24426
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907918H1

<400> 24426

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 agatgggata gcaaaaacta gtggcaaacg agtgaagatt ggatttggtt ttggttcttt 180
 ctgattaatt ttggttttta cttgggaaat ggtttctgaa aatgtggata gaaagctcgc 240
 agcccccatt attgaagaa 259

<210> 24427
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 <213> Glycine max

<223> Clone ID: 700907921H1

<400> 24427

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 caatgcgttt cactcttgct gtctaacatg cactttcccg attgctagag tttctgtttt 120

agtttgtcag taattaatag gtgttctact ttcagggcag tgctctgagg taatgctgtt 180
 cgattttact tctcagtcta ctacagtgtg tatttggtac caaactttta tgctaaaata 240
 atccaaggcg tgtgttttgg 260

<210> 24428
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907922H1

<400> 24428

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 tctgccaaatt caatccgtcg tcgttttcgc caattccgaa tgcgtcgatt tcgggttgga 180
 gaatgagttc tccgacctct tcttgatct ctgttcaaac cgtcacacag tctctgcgtt 240
 cggatttctt gtccaattt 259

<210> 24429
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907926H1

<400> 24429

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 agttgcaatt gaaagaacag tcttctaccg tgaaagagca gctggaatgt actcagctct 180
 accttatgca attgctcagg tggcaataga atgtatttat gttgcaatcc agacatttac 240
 ttcagtctta 250

<210> 24430
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907927H1

<400> 24430

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 gataagcttg ttgtgtccac ctctctctcc cttcttcaca ctgctgttga tcttgttaac 180
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<210> 24431

<211> 67

<212> DNA

<213> Glycine max

<223> Clone ID: 700907930H1

<400> 24431

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<210> 24432

<211> 122

<212> DNA

<213> Glycine max

<223> Clone ID: 700907932H1

<400> 24432

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 tt 122

<210> 24433

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700907933H1

<400> 24433

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tccatggctc tctcatcccc atccttggtt ggcaaggccg tgaagctggg cccatcagcc 120
 ccagaagtgg gaaggggtgag catgaggaag accgtcacca agcaggtctc ctcaggaagc 180
 ccatggtacg gcccagaccg agtcaagtac tcgggcccac tctctggcga gcccccgctc 240
 tacctaaccg ggagttccca gg 262

<210> 24434
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907934H1
 <400> 24434

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 aactttccta ttcacatcta aatcagtga cagaggggcac cctgacaagc tctgtgacca 120
 gatctccgat gctgtgctcg atgcatgctt ggagcaggac cctgacagca aggttgacctg 180
 tgaaacctgc attgagacca acatggtgat gggttttcgga gagatcacia ccaaggccaa 240
 cgtggactat gagaaga 257

<210> 24435
 <211> 264
 <212> DNA
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 tgattttctt tgccggaatc gacgaggtgg atggacgcag aagagagatt tgtgagaaga 180
 tcgtggaggc ttgcgagaat tggggtatat tccaggttgt tgatcacggt gtggatcaac 240
 aactcgtggc cgagatgacc cgtc 264

<210> 24436
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907834H1

<400> 24436

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acaatgcctc ccgaggcact tgaggtcaca aggaagttca tgaacaaacc tgtgaggatc 120
cttgtgaagc gtgatgagct caccttggag ggtatcaagg aatttcatgt caatgttgag 180
aaagaggaat ggaagcttga cacactgtgt gatctttatg agacattggc aattactcag 240
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<210> 24437

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700907843H1

<400> 24437

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cattgggatt gttggtgatg ctggtgtcag ggctaatagcc cagcagccga agctgtttgt 180
tggtatgatt cttatcttga ttttcgctga agctcttgct ctgtatggcc tcattgtggg 240
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<210> 24438

<211> 258

<212> DNA

<213> Glycine max

<223> Clone ID: 700907845H1

<400> 24438

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gttcaaaggc attaataagg gaaggatcgt atggtcgggt gtattctgca accttaaaca 120
atgggaaagc agtggctgtg aaaaagcttg atgtttcatc tgaacccgaa tcaaataatg 180
agtttttgac ccaggtttcc atgggtctcaa gattgaagga tgacaatttt gttgagttgc 240
atggttactg tgttgaag 258

<210> 24439
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907846H1

<400> 24439

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 cctcccgcta cttctcaacc cagtccgagg atgctactgc catcaaaaag aaggttatgg 180
 atgtaatgcc aatcgctact ggtcacgagc gcgaggagct tcaggctgag ctcgagggaa 240
 ggaatattct tgaaatagac 260

<210> 24440
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<223> Clone ID: 700907847H1

<400> 24440

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 tttaacactg ttgcctggcc caaaggaaag ctctttcggg ctggtgacac acttgctttc 180
 aattatagcc ctgggactca caatgtggtg gccgtgaaca aggctggata tgatcgctgc 240
 aagactccaa gaggagcca 259

<210> 24441
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<223> Clone ID: 700907848H1

<400> 24441

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tttatatctc ttcaatgggg aaatcaacag aataaggtea cactcatttt agcagagaag 180
 cctacgatga cgatgcaagt gtaaatatca cactttcttg tatttgctg ctggctcttg 240
 acatcagatc gccagagcag 260

<210> 24442
 <211> 116
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907850H1
 <400> 24442

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 gtgaatggca tatcgagcga agatctagct tcggctctga atccccctta gcaaga 116

<210> 24443
 <211> 260
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907851H1
 <400> 24443

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 gctttggctg agttcatctc aaccttcac ttcgtgttcg ccggctcagg ctccggcatc 180
 gcctacaaca agtcagcga caacggcgct gccagccctg ccggcctcat ctccgcctcc 240
 atcggccatg cattcgcct 260

<210> 24444
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 <213> Glycine max
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gcttagcgag tgtgccgaga accaagcaag gcttcagaga aatctcatgt acttagctgc 180
aatagctgat tctcaacccc aaccacccac catgcctggt cagtaccctc cgagtgggat 240
gatgcagcag gga 253

<210> 24445
<211> 252
<212> DNA
<213> Glycine max
<223> Clone ID: 700907855H1
<400> 24445

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attgattgca actggcagca gggctcaacg tccaaatatt ccaggacagg tgttgggtat 180
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aggttatatt gc 252

<210> 24446
<211> 250
<212> DNA
<213> Glycine max
<223> Clone ID: 700907856H1
<400> 24446

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<211> 248
<212> DNA
<213> Glycine max
<223> Clone ID: 700907857H1

<400> 24447

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 tctctgatcg atttcgattc ggaaaaatag cgtcttcgag cgcaaccggg gctggatcca 180
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 aagaactt 248

<210> 24448

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700907860H1

<400> 24448

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 cttgcctgtc ttgactgatg cattcgatgg aaatattttg agccttgagt ttgataattt 180
 tgctgaagtg cgcaaaactc atgaagggtg agttacacta cctacaaact ttcttagcaa 240
 gatcgccct ataccagtga tc 262

<210> 24449

<211> 91

<212> DNA

<213> Glycine max

<223> Clone ID: 700907862H1

<400> 24449

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 aagtgagaat ctttcgttca ctcaactgggc c 91

<210> 24450

<211> 266

<212> DNA

<213> Glycine max

<223> Clone ID: 700907864H1

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ggtaggctact tttgtgggtgg cagccacagc tggtagcttt taccaagact ttgaaataac 180
atgggggtggt tagcgtgcc aatctatga aaatggaaat cttctcacc tctccctaga 240
cagagactct ggctctggct ttcgtt 266

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<211> 102
<212> DNA
<213> Glycine max

<223> Clone ID: 700907866H1

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accaagcatt gggcatatgg aggtgaattt ggggatgttc cc 102

<210> 24452
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<212> DNA
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<223> Clone ID: 700907867H1

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tttgggtgag ggtaagcccg aaaatcagaa tcatgccata attttcacac gtggagaggg 180
cttgcaaaca atagatatga accaggataa ctacatggaa gaagctttga aaatgagaaa 240
tttgttgcaa gaatttct 258

<210> 24453
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<212> DNA
<213> Glycine max

<223> Clone ID: 700907868H1

<400> 24453

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 aagaaaaact tctatcaaaa actataggca ttcaaggcat tgtctattgc aaatctgcct 180
 ctaaactcac ccacttgaa ggggccttga caaggatagc atgcgaggct gttgatgaat 240
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<210> 24454

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700907870H1

<400> 24454

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 atcagtcacc acgtaatact taataatccg caatgggaaa gcaagcaatg ggaatatatg 180
 ttaccaacta ccagtttcga atggatacct tggcctatgt tttatattat ccacaaaagc 240
 cactg 245

<210> 24455

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700907872H1

<400> 24455

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 caagttttgt gatgacctaa agaatctgggt cttccaaggt gatgccacgt cttcttccag 120
 gggcatagaa ctcacaaagt tagacgggtgg aggaaaacca gtgggtggca gtgtggggag 180
 agtggttatac tcttctccag tgcacctttg ggaaagctct acagtggctg caagctttga 240
 aaccgact 248

<210> 24456

<211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907880H1

<400> 24456

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 caccctaagg tcacaataac gagctcccaa ttgttgacac aaatagtggt gctacaacag 120
 cgagacatat atctgtcaca tactaatctc actttataaa tgtgtcactg tgctttccat 180
 gtatgccaac tacggaggga caatacaata agtttgtact gcagtcatta actagcttgc 240
 tgcttcaatt tgttatattg tgtag 265

<210> 24457
 <211> 97
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907882H1

<400> 24457

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 gaagtcgtgc actctgggtg tccacttcga caagggc 97

<210> 24458
 <211> 162
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907883H1

<400> 24458

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 aaaatcattg aatgtagcta ttagatcata actacatata tgtatatata ccttgatgt 120
 gtgaaatgac aaattattat ttaattataa gttttttttt gt 162

<210> 24459
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907889H1

<400> 24459

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ctaggctcgt tcttgaatcc ctaattcgat ctctctctcc tcctccgaag aataacagga 120
ggatcgatgt gggcagcact tgctggcgt cgtgctgcgc ggctgcgca tgcgacgcct 180
gcaggaacgt cgtttcggga atcagccgtc gttccgaccg gatcgccctac tgcggcctct 240
tcgccttctc cctt 254

<210> 24460

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700907890H1

<400> 24460

ctttccaaca gcatttgcaa cattcagaca taaataacat aactttcctg cgaaggaagt 60
tttatgtcat tacattatca caactctttt gtttctctgg catgcaacta aaaaactctg 120
ctgctgtagc tctggcttgc aactaaaaaa ctagactgct gtagcaaagc ctgagttcta 180
tggcttccta gttgccatt tgagaaaaaa aaaaccacaa agatcttgaa tttggctgat 240
tctggaaatg gg 252

<210> 24461

<211> 96

<212> DNA

<213> Glycine max

<223> Clone ID: 700907891H1

<400> 24461

cacgaaatcg cgaacagaac agcaacgtta acaatgggtt ctgctacga ggtggaactg 60
aagctctcat cggcacgcgc tctcaagaac gtgaac 96

<210> 24462

<211> 262

<212> DNA

<213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700907892H1

<400> 24462

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 tggtcacttg aagtcacag attttctcgc ttttggaatc aaatctggac nccaagatgt 120
 cttgcctgtc ttgactgatg cattcgatgg aaatatatttg agccttgagt ttgataattt 180
 tgctgaagtg cgcgaactct atgaaggtgg agttacacta cctacgaact ttcttagcaa 240
 gatcgccct ataccagtga tc 262

<210> 24463
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907833H1

<400> 24463

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 ctttctacct ctatattaag acgctcaata cagggtccct cttttatgcc actttgaatt 120
 ccatagcata cttttacatg gtttgctcat ggggagggta cacttttata attaatttta 180
 ttccaatgca tgttctcttg tgcatagtaa ctggctcgta ttcttctcga ctgtacattg 240
 catatgca 248

<210> 24464
 <211> 239
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907770H1

<400> 24464

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 tcctcttctc tttccttata gctctctgct cctccatcc acgattcttc cttcctccat 120
 ggaacaaagc tctttccctt ttctcgaaga gtggcaccac gccgcttcaa ttctttctct 180
 gccaaagtgt cctcgaacca catccccaaa cagttccgaa aggaaaatct caaagatgg 239

002200 ETTESD 0953113 032200

<210> 24465
<211> 235
<212> DNA
<213> Glycine max

<223> Clone ID: 700907771H1

<400> 24465

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ttttccttct gttgttgctt ctagcacact ttcatttggg cataagccaa cttgagctga 120
attactactc taaaagctgc ccaaagctg aagagatcat caaggaacaa gtcacacaac 180
tatataacaa gcatggaaac actgccgttt cgtgggtcag aaatctcttc cacga 235

<210> 24466
<211> 239
<212> DNA
<213> Glycine max

<223> Clone ID: 700907772H1

<400> 24466

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tgctcttggt agtagagaag cttcaagagt tacgctccat aagaatacaa aagttgaaaa 120
aacaaggcca ttttctccca gaggaggatg acaagtttct tgagaaagtt caagctgctg 180
tggaagaaga ggagcgtgaa gctttggctg cagttgaaac agatgctgct aaagatgca 239

<210> 24467
<211> 234
<212> DNA
<213> Glycine max

<223> Clone ID: 700907774H1

<400> 24467

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tgaagttcac agctgaagag ctacgtcgta ttatggacta taagcataat atccgtaata 120
tgtctgtcat tgctcatgtt gatcacggaa aatcaaccct cactgattct cttgtggctg 180
ctgctggtat tattgctcaa gaagttgccg gtgatgtccg tatgactgat accc 234

<210> 24468
 <211> 237
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907775H1

 <400> 24468

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 gtatctggat gagaacaagt ccttaattct gaagattggt gaaagccaga attcaggcaa 120
 gcttagcgag ttcgccgaga accaagcaag gcttcagaga aatctcatgt acttagctgc 180
 aatagctgat tctcaacccc aaccacccac catgcctggt cagtaccctc cgagtgg 237

<210> 24469
 <211> 235
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907776H1

 <400> 24469

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 ggttacgaag acggaaacga cggtgctgct gcggagggtg tggaagttga agcctctaac 120
 aagctgagcg aggatgggag gaagaagagg ttggaggaga ttgggaaaga agacgcgtgg 180
 ttcaaaca aa cgggaacga acaagtggca gttgcacctg ggggtcgttg gaaca 235

<210> 24470
 <211> 238
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907777H1

 <400> 24470

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 ttactctgtc aatcctactt cacttgatca aatgaattct gcaagcagaa gttctgcctt 120
 gatagatgaa tattctgatg atgaagaaga ttttcaaata gcggaacctg aagaagaggc 180
 ataccaaatt ggtcttgaga atgatgtgag aaaaacagcc ttggaagaag aaccggca 238

<210> 24471
 <211> 240
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907779H1

 <400> 24471

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 tctatgcata tgctgctggct caagtgaaga aagccataga tgtgacacat tatttggggg 120
 gagaaaatta tgttttctgg ggtggctcgtg aaggttatca atctcttttg aacacagata 180
 tggagcgcaga gcttaatcat ttggctaggt tttttgaagc tgctgttgca tacaaaaaga 240

<210> 24472
 <211> 236
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907782H1

 <400> 24472

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 atctgagtag agtagtagaa gaagaagaag aagaaagggc agattgatgg gagaagaaga 120
 agaatcagct ctctctctct cccgcagcaa gcgttcttct tccacattca cttataagta 180
 tcacctcttg atcgcttcca tgttctctct cgcgctctac ttctctctct cagcaa 236

<210> 24473
 <211> 239
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907783H1

 <400> 24473

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 caggaaaatt taagccattc tgagactgag agttccgaag atgatcaaga tgctccacca 120
 caaatggaca tctcgtgggc aacgatcaca gcccagctg gaagtggatc cggtgggtggc 180
 accagggctg gacttttccag aacacccatt tctggtggcg tgcagagtgc cacctcagc 239

<210> 24474
 <211> 235
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907784H1

<400> 24474

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 gtcgtgtac actatgttgc aagtgttcta cttatttcca tgccatgtgt gctataaggg 120
 ctggttatcg aatggagttg cattgtttgg agaaaaatgg caagcagaca acaaaaatgg 180
 tctcttattg tgcttaccac agggctccca atccagatac agttttgatt atgca 235

<210> 24475
 <211> 125
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907785H1

<400> 24475

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 acagtaatcc ctttttaca gaatacactg aggaatgcga attttgaaga aaaaaaaaaa 120
 aacaa 125

<210> 24476
 <211> 235
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907787H1

<400> 24476

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 ctgcgccgac ggcgctcggc gtcgctcgcc gccgatcgat tcggcaacgt agcattttca 120
 tggtaacgtc ggaaactgaa aacagcgcgt tttgagattt ggctttttgc gtgcgtcgac 180
 gaaagagaga gagagacaca aaaatgacta ggattgggaa cggaggagga ggagg 235

<210> 24477
 <211> 202

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700907788H1
 <400> 24477
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 ttccgtcagc cttctagggc tttctcaacc gctctgaact accaccttga cacaccgcac 120
 aacaacccta accttccatg ggaattcacc gaggccaatc aagcaaaggt taaggagatt 180
 ttgtctcact atccatacaa ct 202

<210> 24478
 <211> 234
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907789H1
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 aaatgttaag cgcagaagag atcgaatcca gaaacaatcc tcccttctct caaaattgac 120
 acgccaatg agtattcatg acaaccgagc agctgctgcc tctggctggg caaatggtag 180
 tgcagagagt agcccaagaa gcagcagcgg acctgggtgat gactggagat ctgc 234

<210> 24479
 <211> 110
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907790H1
 <400> 24479
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 aacaaagaga agcagaaaaag gtgggcgttt atacaggatt ttacagtaac 110

<210> 24480
 <211> 236
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907792H1

<400> 24480

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 tggcgatttc caattcaatg gactttcttc aactcttcat tgctgtcttc atcgcgttct 120
 caatcgcatc cagagctcac cgaaaaaat ccctcagcac ttctggcgca atcgctgggt 180
 tcttcgttat ggcccttcac atttttgtgg gttacagggt tggggcgatg ctgctt 236

<210> 24481

<211> 238

<212> DNA

<213> Glycine max

<223> Clone ID: 700907795H1

<400> 24481

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 ttgtgtcaat tgccatagtc accaaccaat taacaaagg atatatatca tcatatcatc 120
 accaaatgaa aaatattggg ttgttttttc ttgtggtggt ggctactttt gtggtggcag 180
 ccacagctgg tagcttttac caagactttg aaataacgtg gggttgtag cggtgcaa 238

<210> 24482

<211> 267

<212> DNA

<213> Glycine max

<223> Clone ID: 700907801H1

<400> 24482

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 ctttctacct ctatattaag acgctcaata cagggtccct cttttatgcc actttgaatt 120
 ccatagcata cttttacatg gtttgctcat ggggagggt cacttttatc attaatttta 180
 ttccaatgca tggttctcttg tgcatagtaa ctgggcgcta ttcttctcga ctgtacattg 240
 catatgcacc tcttggttga ttgggaa 267

<210> 24483

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700907803H1

<400> 24483

aaccaagctt ctctgttaaa aaaaaattag gcgtctaaag ggccaaagct tagaaagttg 60
 aagctttttt tgttgagggtg aaagtgaat ggttggaag gataatctga gggctgagga 120
 cttgaacttg tgctttaaga agcttatgat ggtggccggg agtgggaaca gtgagaaagg 180
 ggtgaacttg aaggttgggg tgatcaccga gtggaaggat attcctgtgg agcttctgat 240
 gcaaattctg tccc 254

<210> 24484

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700907808H1

<400> 24484

aaatggcaag aatatcaaat tgggtctcttg tcttctctct catctctaca ctactccaca 60
 tagagcccag cctctcaagc ccaagcccaa gcccaagccc aagcccgttc ataaaatcct 120
 cctgcagcag caccagctac ccagccctct gcgtctcatc cctctccgtc tacgccttca 180
 gcatccaaca ggaccctcac caactcggtc agacagcact ctccctctcc ctgaaccgca 240
 cccaagc 247

<210> 24485

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700907810H1

<400> 24485

caacaaactg cattgcagca gcctactcaa cttactcaac tccaggatca gcaaagacag 60
 cttttagata aaacacataa cttgtctaga gcactaacac ctgggtcaagt actggaaatt 120
 cctcatatta ttcagaattc actgcccag gctaattcta tctcaaatca gatgacaaag 180
 gccaatggcc agagcaatat tcaattctct cagcagccca agcttcagca gcagcaacaa 240
 cctggcatgg tt 252

<210> 24486
 <211> 262
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907815H1

 <400> 24486
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 tcaggtgggg acttttggtg gggcggcaca tctgttataa gataacgcag gtgtgctaag 120
 atgagctcaa cgagaacaga aatctcgtgt ggaataaaac ggtaaaagct cgtttgattc 180
 tgatttccag tacgaatacg aaccgtgata gcgtggccta tcgatacctt agtccttcgg 240
 aatttgaagc tagaggtgtc ag 262

<210> 24487
 <211> 94
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907818H1

 <400> 24487
 gttgctttct aaccttaccg ggcagcataa acataaactc cttatcctct ctctctctct 60
 gtctctctgc gtctttctct cactcacacc acac 94

<210> 24488
 <211> 252
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907819H1

 <400> 24488
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 tggttccttc tttgtctatt gtgaaggggt tggtggcagg ttacgtaaat actggctgaa 120
 aggagaaaaa gctggaactt cagagatatt agccatccta cctggatatc ctgacaatct 180
 gagactctat gtatatagtg atatttcggc atctcttcat tctagaagggt atatgtatgc 240
 atactacaat gg 252

<210> 24489
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907825H1

<400> 24489

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 gagtctccgc aggacgagat tgccgtttat ctcaaagacc cactaaccag ccggaacgag 120
 tgctaccagt tggactcttt ctttgggcat gaagataaca atgtgggtca gatattccac 180
 cgagaagtaa gcctcttgat tccgggaatg ttcagcggat gcaatgccac agtgtttgct 240
 tatgggggc 248

<210> 24490
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907828H1

<400> 24490

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 agaggttcgg gggccatgta attggaaaaa tggaagcaac attgaagttg gagtcccttg 120
 cgtgcataga ctccaccact ctctctcact cagagctcct cgctctttct ctctcctctc 180
 tatgctccac ccatgatcgc ctactccca atatcgaacc cgctctctac aaccagagca 240
 ccggct 246

<210> 24491
 <211> 84
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907760H1

<400> 24491

ggccgccctt tttttttttt ttttacaact tagcaactca caatttcttt tattccaaac 60
 aaaccaggag gatacaataa caat 84

<210> 24492
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907712H1

<400> 24492

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 ccaatactca gaaaattgaa aataatgaac taaagactaa gtgggaagat gagaaggcac 120
 aactagaaaa gtctaggaat gatgctgaga agaaatacaa tgaaatcaat gaacagaata 180
 aaatactaca tagccaactt gaggcctttc atattcaatg ggccgagaag gagcgtaatg 240
 ctgctg 246

<210> 24493
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907713H1

<400> 24493

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 tcaagaccct caccggcaag accatcaccc ttgaggtgga aagctctgac accatcgaca 120
 acgtcaaggc caagatccag gacaaggaag gaatcccccc ggaccagcaa cgtctcattt 180
 tcgccgaaa gcaacttgag gacggccgta cccttgctga ctacaacatt cagaaggaga 240
 gtactctt 248

<210> 24494
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907714H1

<400> 24494

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 cttagaaaag cttcatacca ctcaggcctt atccgagctg caattgaact gagcaaaggg 120

<400> 24497

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 actacacaac gcagctctgt ggttgatcga cgcattcttc attcaatcc cacaatgtct 120
 ataacgcaca gctcaccac ttcactctct tcttcttctt ctgctttctt agctccctct 180
 tccttcaatt ccagaggaca ggtttcgttg cctgtgaaga gcgtgagcat ttgcaaatgc 240
 gttgccac 248

<210> 24498

<211> 236

<212> DNA

<213> Glycine max

<223> Clone ID: 700907719H1

<400> 24498

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 tgacacaata gatctgtgtt agtccttttg ttttatcaaa ccacacttgc accaatcaaa 120
 accacaaaac acaactcgtc acatcacatc acatcacatc tattttcatt atttcatcat 180
 ttccactgca attttcacac cacacacaca cggcaatcat ggaagttgat agtagg 236

<210> 24499

<211> 117

<212> DNA

<213> Glycine max

<223> Clone ID: 700907720H1

<400> 24499

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 gactttgcgc attgggggttc ccttgtagct tgtaataacc ttctgttatg ctacttc 117

<210> 24500

<211> 158

<212> DNA

<213> Glycine max

<223> Clone ID: 700907721H1

<400> 24500

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 ccttcgagag aaaatggcag ataatcttgt tctccgtggc accatgcgcg cccacaccga 120
 cgttgtgacg gcgattgcca ggcccatcga caactccg 158

<210> 24501
 <211> 241
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907723H1

<400> 24501

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 ttatgcattt ctcaggagtt tgatttcttc tactttgttc agcagtggcc aggagcatac 180
 tgtgacacaa agcagagctg ctgctatcct aagactggga aacctgctgc tgatttcagc 240
 a 241

<210> 24502
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907724H1

<400> 24502

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 ctttgtagg tctggtgaca cttagttaga cagaacgtgc gcaccgggtg gggagaagat 120
 ttagtgttat ggccatggcg gcagtctgag aagagtactg tgcttcttac gggagccggt 180
 ggtcgcacag gagaaatagt ttacaaaaca ttagcagcga gggcaaacca atatgtggct 240
 agaggt 246

<210> 24503
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907725H1

<400> 24503

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 ttcccatcac aaacaatatt acacaatttc aagagctaaa gacacacact tcatctgaat 120
 tgctaccaaa ccaaaaacag attaacctca ttcccttctt cctcgtcaat cctcagatac 180
 aaagctattt gctctgtgtt ggcgtgtctc cctcctgaat cctcaacctc atcttccact 240
 gct 243

<210> 24504

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700907726H1

<400> 24504

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 ttggatcaaa ccttctctct tcgatggcat tccaaacaaa gacttattcg atggaactag 180
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<210> 24505

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700907727H1

<400> 24505

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 tcttcagtgc ataactcctc atgttgaaga aggcattctg aatgatctca agtttaaaat 180
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[illegible]

<400> 24506

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10131

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 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907731H1

<400> 24509

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 tagaaatagg agggacattc tgatcggcct tggaggactc tatggtgcta caacaagtct 180
 cacaagtaac aacactgggt ctgcctttgg tgcttcattg tcgcctccag atccaactaa 240
 ct 242

<210> 24510
 <211> 114
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907732H1

<400> 24510

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<210> 24511
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907733H1

<400> 24511

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 aagaagtaac cgtcagatca agtactgaga tagtctttca gcctgaaaat gcttcaaaag 180
 ttcgaaagtt taagctctct tcagtgaagt ctatgcttct tagcgcttga agttgcccac 240
 actaagg 247

<210> 24512
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907734H1

<400> 24512

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 atatcaagat ttggagtacc accaaatata aatataggcc aggttttctt aagtgcctgg 180
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 atggg 245

<210> 24513
 <211> 232
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907735H1

<400> 24513

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 cagaacccat ctatgggggt ggctcgtagt ggagctcaat tagcatatgg ttctaaccac 180
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<210> 24514
 <211> 160
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907738H1

<400> 24514

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 aagccggagc accatggagg agaagagcac aaagaggcgt tcctagacaa gctcaaggac 120
 aagatccacg gcgacgaggg tggcgccacc gccgagggcg 160

<210> 24515
 <211> 122
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907743H1

<400> 24515

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 aa 122

<210> 24516
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907751H1

<400> 24516

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 aaaaccacaa aacacaactc gtcacatcac atcacatcac atctattttc attacttcat 180
 cattttcact gcaattttca caccacacac acctcacaat catggaagtt gatagtaggt 240
 ttc 243

<210> 24517
 <211> 127
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907752H1

<400> 24517

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 cggatgc 127

<210> 24518
 <211> 199

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700907753H1
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 agatcaccaa gaacctatca gggacttctc ttttgggtacc atcagttcaa gaattggcta 180
 aagaaaagat atctaattgt 199

<210> 24519
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 <213> Glycine max
 <223> Clone ID: 700907754H1
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 gtgtgggttca aggccgggtc ccagatcttc agcgagggtg ggctcgacta cttgggcaac 180
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<210> 24520
 <211> 151
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907758H1
 <400> 24520
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 acattgggaa gttgaccaat ttagtaaaac t 151

<210> 24521
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907711H1

<400> 24521

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 cgacacacgc cggggccacgg ccatcacgca tgagggtgtg cagaggctga cttcccgatc 180
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<210> 24522

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700907674H1

<400> 24522

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 cagattggaa atggatacgc accggtgctt gattgccaca cttctcacat tgctgtcaag 180
 ttttctgaaa tcttgaccaa gattgacagg cgatctggta aggagcttga gaaggagccc 240
 aaatttt 247

<210> 24523

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700907675H1

<400> 24523

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 aaatgttcaa agtccagatg cagagaaggg gatcacctta gcaccgtttt tgaataaatt 180
 cagttccatc aagattgttg gcatgaacgg gtctgttcca ataattgact ataagcaaatt 240
 agaaaaa 247

<210> 24524
 <211> 74
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907676H1

<400> 24524

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cacttctctcc tctt 74

<210> 24525
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907677H1

<400> 24525

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attcacgatac atgat 75

<210> 24526
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907678H1

<400> 24526

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tgctgtgtgc atcccatacc cagcacaagg ccacataaac ccaatgctca agctagcaaa 120

actccttcat gttagaggct tccacatcac ctttgttacc acagaataca accacaaacg 180

ccttctcaaa tcaagagggt ctgattccct cagtagtgct ccatcatttc aatttgacaa 240

catcc 245

<210> 24527
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907680H1

<400> 24527

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gtgcatcaga aggctggttg ctgctcgac ttagagagat acgcatattt ggggtctcag 180
acgttcatgc gtctcagtgg catctaaaac tagcttttca cattgctggc atatcaagat 240
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<210> 24528

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700907681H1

<400> 24528

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actacttctt ccaagcccaa agtcgtcaat aataataatg taacttcac acacgatgac 180
ttcgtcgag ccacatcttc cacccttcac ccacacccaa atttcaccaa ccacgagtcc 240
ctcccatctt tgcaagactc a 261

<210> 24529

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700907682H1

<400> 24529

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aaacaacca ttgatccctt tcgccacatc aacatagttc tcaaccctaa cggaacccta 120
aatcgcttgc gccatattcc cagcaccgca cctcttccg accccactct cccagttatc 180
cccaaagaca tcaccatcaa ccaacaaaac aacacatggc tccgcttatt cctcccccca 240
atagcactat ccccaaa 257

<210> 24530
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907683H1

<400> 24530

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 aggcttggag ccaagaaaat aaacacaaag cataagtcac ggaaataatg gttggaagtg 180
 caacaaaggt tgctttcaac ctcttggtca ctttcgccat tgtcattcca tgccttgagg 240
 ctggcattgc tgagttt 257

<210> 24531
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907684H1

<400> 24531

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 tggactcgag ggagtgcag atgcagggct tgcttcactc cttgagagtt ccgaggctaa 180
 tgatgggttaa agtgaacctt atcggttgca caaacgttac caataaagta gtctcgtcct 240
 tggc 244

<210> 24532
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907685H1

<400> 24532

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acaatcaccg tcgtcaatga gtttcctcac gatccacaag ccttcaactca gggccttctt 180
 tatactggaa atgacacctt atttgagtca actggacttt atggggagtc atctgtccgt 240
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<210> 24533
 <211> 255
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907686H1
 <400> 24533

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 tcgatgaaca aaagaaaata gaaggcagcg tagatgggta ccaatctgga tgatgttact 180
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 aatgagtgtg aacct 255

<210> 24534
 <211> 251
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 <213> Glycine max
 <223> Clone ID: 700907687H1
 <400> 24534

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 caccttttca tgtttttctt tcggattctt ttacattgca ttacatcaat tgggtgatct 180
 tgggcacatc gagaaatgag tttgagtaat gggaaaaccg aggcaccatt gccaaattagt 240
 aatggggatg a 251

<210> 24535
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 <223> Clone ID: 700907689H1

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 cactgcacac atttatggcc agcgtcggtg atagaaagga atcagaatgg atggatagga 180
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 ccct 245

<210> 24536
 <211> 243
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907691H1

<400> 24536
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 tcaactcgag cgagattta ggattgtgt cttcctgtct tggagtgct gcttgaaaga 180
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 gtg 243

<210> 24537
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 <212> DNA
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 <223> Clone ID: 700907692H1

<400> 24537
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 gacgataaga aagagaaaga aggcggcggc ggcggcggcg gcggcgagaa gaaagcaggc 180
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 g 241

<210> 24538
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907693H1

<400> 24538

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 attttgggac gattgggaag gagaagacga agaaggagag cagcgagact ctgaattcgt 180
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 ccttc 245

<210> 24539
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<223> Clone ID: 700907694H1

<400> 24539

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 agccttctcc agagtgatgc tctttaccag tatattctgg cgacaagtgt ctaccaaga 180
 gaacctgaat ccatgaaaga cctgagagtg ttgacagcaa aacacccatg gaacatcatg 240
 ac 242

<210> 24540
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 <212> DNA
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<223> Clone ID: 700907695H1

<400> 24540

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 ggaggggtct tcagacaatg tcaatcagt tttcttggag gcttcacgtt ttggcagtac 180

agaacttggtg cgcatacta

199

<210> 24541
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<212> DNA
<213> Glycine max

<223> Clone ID: 700907696H1

<400> 24541

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ttttggtgcc tcggagtcag agctgcaagg aaagtggaga tgctgggatg aaagctgaat 180
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ttatt 245

<210> 24542
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<212> DNA
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<223> Clone ID: 700907701H1

<400> 24542

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acaattccac acaacatacg ag 82

<210> 24543
<211> 248
<212> DNA
<213> Glycine max

<223> Clone ID: 700907703H1

<400> 24543

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atggaccccc tcagacccaa aagcctagtg gcacacctcc tgtgtatgga caatcccaat 180
cacctaacgc agcaggggga tatgggtcaat ctgggtcattt gcaatctgga tatcctcctt 240

cccagcct

248

<210> 24544
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907704H1

<400> 24544

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ttgctgaaaa gggatatcaaa tatgagtaca aagaagagga cttgaggaac aagagtcctc 180

ttctcctcca aatgaacccg gttcacaaga agattccggg tctcatccac aatggcaaac 240

cc 242

<210> 24545
 <211> 203
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907705H1

<400> 24545

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ctttccgcag ttctacagc aggaagctgt ttctttctca tctaattctg atcatgatga 180

tgatcatcat catgctaaac tca 203

<210> 24546
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907706H1

<400> 24546

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gctagcaaaa ctccttcacg ttagaggctt ccacat

156

<210> 24547
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700907673H1

<400> 24547

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cagaagacat atctccattt catttcgagt aaaagtaaaa cacagttcct gatccatggc 120
atctcgccgc cgcagtgtgt tgaaggatcat aatcctcgga gacaacgggg ttggtacaac 180
atcactgatg aatcagtatg tgaatcgtaa atttagtaat cagtataagg caaccatcgg 240
cgcagat 247

<210> 24548
<211> 174
<212> DNA
<213> Glycine max

<223> Clone ID: 700907707H1

<400> 24548

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actccaacta ctccgtttct ccgcaaaacg gaacgcttcg cttccacaca gcat 174

<210> 24549
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700907708H1

<400> 24549

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accccgaggaa aaagtatatt ctttcttgag ctgtgcatca aacactgaaa taattttcca 180

tgaaatctat ggagtctctt gaattatctt ggagccttat atacagataa tgtgtatata 240
actta 245

<210> 24550
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700907710H1

<400> 24550

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cggcctctta cgttggattc gacggatcca ccaaattctct cacttccaag ttctccaact 180
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cagaa 245

<210> 24551
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700907639H1

<400> 24551

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cttctctctc cacggtgggt ttcattatgc cataccactg aagaacgaag tttatctctc 180
tcttgtgact tgtgagcaat tcaaattgcg gagaacagaa cctacacact gcattggaag 240
atacaagaat atcatcag 258

<210> 24552
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700907640H1

<400> 24552

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700907643H1
 <400> 24555

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 aatgcaattc aggctgggag tttggatgtg ggaaagtcaa agggaaggat gcaaaaggat 120
 ggtgctgaga aggaaattgg gtgctgtgtt aaattctgtt tcattggggg ctgtatacct 180
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 tctgcatc 248

<210> 24556
 <211> 250
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907644H1
 <400> 24556

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 gaccttcaat gtgcctgcca tgtatgtggc catccaggct gttctctccc tgtatgccag 180
 tggtcgcaca actggtattg tgttggactc tggtgatggg gtgagtcaca ctgtaccaat 240
 ctatgagggg 250

<210> 24557
 <211> 243
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907645H1
 <400> 24557

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 ataagctact gaaacttact caagaggaag atttttctcg agaaaatcta caggaccagc 180
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cgg

243

<210> 24558
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700907646H1

<400> 24558

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tgatgagaaa ggtatatgct ttctgacgga tcttcttggt gttggtgaga accaacaac 120
ttttgacctt gaaggagaca gtggaagtct catcatgtta aaagggtgaca atgggtgagaa 180
accgcgacca attgggataa tatggggagg aactgctaac agaggccgcc ttaagttaaa 240
agttgggca 249

<210> 24559
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700907648H1

<400> 24559

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taagagcaaa aagacaaaaa gaacagcacc aaaatccaat gacatctacc tcaaattact 120
tgtcaagctt tatgggttcc ttgttcgaag gactggcagc aatttcaatg ctgttatact 180
caagcgcttg ttcattgagca aggttaacaa gcctccaatt tctttgtcaa ggtaattaa 240
gtataca 247

<210> 24560
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700907649H1

<400> 24560

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ccaaaaccta ttgggtaagg ttaacttttc actgtcttta atttgattgt ctattcgttc 120
 agttcccaca aattaggcca ccagctctac atacagcaac tgttgtgtgt ctgggagagt 180
 ttatctgaaa cctgatggaa ttattaaagt cttagtttca ctatataatc tcaaataagg 240
 taagtgcattg agacagttta atg 263

<210> 24561
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907651H1

<400> 24561

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 ccgtgtccaa atcctcttca ccgctctctg ccacaccgat gcttacactt ggggaggcaa 180
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 tgttggagaa ggtgttact 259

<210> 24562
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907652H1

<400> 24562

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 ctttctctct ctcttctctt ggggttgtga gaaaagtgtc agggagtctt ataacagcat 180
 tgatgaactg caatttattc catcttcata gatattgttc aaccaaggag tggacattcg 240
 cacttagcaa aaa 253

<210> 24563
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907654H1

<400> 24563

gccctttatt ttgggggtttt agttataggg aattgggctc cttaaaggaga aggggaattc 60
actttggcag ttgtttggat atatgttaag ggcttcttcc tttttttt 107

<210> 24564

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700907655H1

<400> 24564

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tatggatact agtgattgga gaggtggact gccgcacgag tcacgccata gaattgtcaa 180
caaaataatg gacacgttaa aaagacatct tctgtttct gttcaagagg gattgcatga 240
acttcagaag att 253

<210> 24565

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700907657H1

<400> 24565

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ttggatgaat atcaatctga gctccaagaa cttcagaagg acaagagtga gaggttgac 180
aaggttcttg aatttgatgag tactgtgcat gatctatgtg ctgtccttgg tatggacttc 240
ttca 244

<210> 24566

<211> 248

<212> DNA

<213> Glycine max

002220-03200

<223> Clone ID: 700907658H1

<400> 24566

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ctttggattc tcaccgacct atgcagcctg ttatcaatta tcaagcttca gccagaacat 180
ggccccctcc ccattcggtt ttctttgctt gaacctgttg gtttcatggt gtttgtttgg 240
gctgttgc 248

<210> 24567

<211> 247

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700907659H1

<400> 24567

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gcatttggca ccgtgggtgg ttgtggtggg ggtggcatct ttgtcactat gctctccctt 120
attattggat ttgatgcaaa atcagctact gcaatctcca agtgtatgat tacgggtgga 180
gcagcagcga cagttttcta caatttgaag caaaaacatc caacacttga catgctcgtg 240
atcgact 247

<210> 24568

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700907660H1

<400> 24568

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ccaaaataat taattaattc ttggcaaaat cacatggccg ccgccgcaga tgggctcttc 120
cggccgatct acgagggctg catctccgcc tacgacaacg acgtcgagcg ccgccccctac 180
cacaagaact gcggctgcgc tctgcacagc aagtcgagga ggaacagcag agcgtgcgcg 240

cacaagtt

248

<210> 24569
<211> 238
<212> DNA
<213> Glycine max

<223> Clone ID: 700907661H1

<400> 24569

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caccgataat tccgatgacg acatggtgaa ccctaagccg ggaactatcc gtcacgctgt 180
cacccaaaaa ggcgccttgt ggatcatctt cggacacagc atgatcatca gtttgaag 238

<210> 24570
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<212> DNA
<213> Glycine max

<223> Clone ID: 700907662H1

<400> 24570

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gaatcaaaac cagatttgct gggtatggaa aaaagttaga tcacaggatg ataggggggtt 180
ccagaggttc ttagatagtg ttgagtataa tcataaggat atattacttt atgagagtgt 240
gtttg 245

<210> 24571
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700907666H1

<400> 24571

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aacttaactt gatcaccaca cgttaccttc ctaatatattt tatcaatgtt ttatttttat 120

gacaaaactt aggtgcagtt ccttagatgt tttaggtcgt gttctctaata tagagtgtta 180
tcttgtaaact tttgctagta aggtccacat ttaaagtcaa ctctagtttc tgaggtgact 240
ttaattatga atggaaaaac a 261

<210> 24572
<211> 259
<212> DNA
<213> Glycine max
<223> Clone ID: 700907667H1
<400> 24572

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ttcatggcag ttcttggtgt tgttgccttg gtgctctgtt tttgctctgc tctcttgaag 120
tggaatgaat tgaggtatag gaggaaaggt ttgcctcaag gcacaatggg gtggcctgtt 180
tttggggaga caactgagtt tcttaagcaa ggtccaagct tcatgaagaa caagagggca 240
aggtatggca gttttttca 259

<210> 24573
<211> 252
<212> DNA
<213> Glycine max
<223> Clone ID: 700907668H1
<400> 24573

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tgtgatcact tcttgaacca cctcatgga tattgatgag tgggagtttc tctctgatga 120
tggtacactt gatttcaatg aagaggggtg gaagcaaaag caaaagcaaa gttcctttgg 180
aaaattggac tcaaaggggtg tctttgacat ggactacttt tgctcatcac caccaccaag 240
ggtgagaact ca 252

<210> 24574
<211> 254
<212> DNA
<213> Glycine max
<223> Clone ID: 700907670H1

<400> 24574

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 aataaggaca tggcaaagat atcattagct ttggtatttg cattggtggt gactgtacca 120
 ttctattcag ttatgggtca ggatgatgca tggaaaagta taatagacca agcaaaagat 180
 gaagcaagca aagcaggtct ctctgaagat acaatattcg gggctgagaa ggctataaca 240
 gatggttctg ccga 254

<210> 24575

<211> 231

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700907671H1

<400> 24575

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 acggtgacga tctcgactct ccctctgaaa atcctagctc cctccgcgc ctctcccg 180
 gacgttccgc cgcgtctaac gtacgacgac accatgggtgg ctctcattgt t 231

<210> 24576

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700907638H1

<400> 24576

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 gcatgtcata gattttttta tccttataaa atcgaagaca agtatggtaa ttacaacag 180
 tccacgcac ctgctcaatc aagacctcct ggtaaaggag atgtcataga ttaaagctac 240
 acacatgctc aacaaagtt 259

<210> 24577

<211> 264

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700907604H1
 <400> 24577

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 tattatcttg ctagccttcc tgagccacta accacattag agctttataa tgagattaga 180
 agtgctcgat ccagtatctg ttccatgaga aacatactca agaggctttc cagtgttaacc 240
 tacatgactc tggagtttat aaca 264

<210> 24578
 <211> 109
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 <213> Glycine max
 <223> Clone ID: 700907607H1
 <400> 24578

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<210> 24579
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907608H1
 <400> 24579

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 aaaacataaa gatagcatct gcaagtgcct caaatcctgg gatacctcca tcctctttaa 120
 tgtccttttt ggaaaagaat cctgcaatct ctgggtgttg cctagaagat tttgactctg 180
 tctttgtcaa caagttctac catagtcata ttgatgattt atcaaatgta aattcgtcag 240
 ctgtagttgc tgctgcttct c 261

<210> 24580
 <211> 243

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700907609H1
 <400> 24580

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 cctcctccag cgctctcgcc ccacgctctc cctccccacg cgctccctt tgacttctta 180
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 act 243

<210> 24581
 <211> 84
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907610H1
 <400> 24581

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 agcaatctag gctttccttt ctcc 84

<210> 24582
 <211> 252
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907611H1
 <400> 24582

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 gctgtgactg agcccaccac tttgggaggg tatgacatac caattgatgc aaatgttgag 120
 gtgtacacac cagccattgc tgaggacccc aaaaattggt taaaccctga gaagtttgac 180
 cctgagagat tcattctctgg ggggtaggaa gcagacataa ctgggggtcac aggggtgaag 240
 atgatgccat tt 252

<210> 24583
 <211> 255

<212> DNA
 <213> Glycine max

<223> Clone ID: 700907614H1

<400> 24583

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 tgtctggaaa ggtaattatc tcggctgttt ctctcatcct ggtggttgga gtggccatag 180
 gtatagtggg gccgtcaac aagaagggcg agga-cccac acttcaatct caacaaaaat 240
 cagtaggggt tatct 255

<210> 24584
 <211> 215
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907615H1

<400> 24584

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 cttgtacgag agatggatga gtcaccactc ggattcgtga agctcttggtg acaagtacaa 180
 gcggtttaac gtgttcagag cgcgtgtgat gcatg 215

<210> 24585
 <211> 207
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907616H1

<400> 24585

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 gtgaagctct atgcggtcat tgttcgcagg actggcagca atttcaatgc tggtataatc 180
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<210> 24586
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 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907617H1

 <400> 24586

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 gtggttaattg gcgtagatgc tgaagttcaa agccaatggg ggggtgaaaag catcatgaat 180
 ggaggagaat tgaaaacctg caaaagggcc gtgcacacgt tgtgccaaagg ctgagacgac 240
 cagaaactgt g 251

<210> 24587
 <211> 264
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907618H1

 <400> 24587

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 cgatctgaac cgtccctccg ccgattccga cagcgactcc gatggccctc aggagtacta 180
 caccgcaggg gaaaagagtg gaatgcttgt ccaggatcct tcaaagggaa atgatgtgga 240
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<210> 24588
 <211> 262
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907619H1

 <400> 24588

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cagcatcagg aaccaggaaa agtgaactgt ttctggctga tgtcaacacc cagttgaaga 240
 acaaaaacat cactactgat at 262

<210> 24589
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907622H1
 <400> 24589

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 ttggttccaa tgaaacaatc ttcttctccg gggcacttgg ccttagcctt agacaatcca 180
 cgtagaacac ttcacgtgtc ttgtggctcc acatcaccac atgcttccca gagatcatca 240
 attcagggggg gtgaagc 257

<210> 24590
 <211> 259
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907623H1
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 atttgcgtaa tcgcttctca aatctcaaca aaagtattcc caaaaaacc taattattat 180
 tattaacat gaggccgatt ctgatgaaag gccacgagag gccactgacg ttcctcaagt 240
 acaacaggga cggcgatct 259

<210> 24591
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907624H1
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tggttaagtc ttctgatatg tgtactacta ttactgcaga cagaaggggt tctgtggga 180
atcacttttg ttgaaaatgc agtggcaaaa ggggctgttt gtttggatgg gagtcctcca 240
gcttaccact tccacaca 258

<210> 24592
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700907628H1

<400> 24592

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cgccatggaa acaatcctcc accctctcct tctccacctc gaagccctc aagttctcgc 180
gaacaatcag agcagcagcc accgaccaga ccacagaggc accggttggg ttcacccac 240
cggaactgga ccc 253

<210> 24593
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700907629H1

<400> 24593

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cgtgccgctt ccggtggtgc aaccagctgt ctccggaggt ggagcgccgg cctttcacgg 180
cggaggaaga cgaggcgatc ctgaaggctc acgccaggtt cggaacaag tgggccacca 240
tcgcgcgct 249

<210> 24594
<211> 251

<212> DNA
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 <223> Clone ID: 700907630H1
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 gcattggtgc ttgtggcact ggttggtggt gaagtggggc ccatggctga ggctgcggtg 180
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<210> 24595
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907631H1
 <400> 24595

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 aagcgcatct ccaaggggaa gaaggggtggc aagaagaagg cagctgatcc ctttgccaag 120
 aaggattggt atgacattaa ggctccttct gtttttcaag tgaaaaatgt tggcaaaacc 180
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 gaggtctcct t 251

<210> 24596
 <211> 209
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907632H1
 <400> 24596

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 cctgcttgcc ttacatgctt ttccatgtca gtgttcgcat accatatatt gcagactgtc 180
 ttattgatac agtggactga ctactgaga 209

agggttaggg ttttcattat cttcgcccgg aaaagaaagg ggggaagaag aaagaaccgt 180
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<210> 24600
 <211> 259
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907636H1
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 ctgttgctga agcacttcag tcacacaggt ttctgtggcta tgctccact gcaggctctc 180
 cacaggccag gattgacatt gctgaatacc tgtctcgtga ccttccttac caattatcaa 240
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<210> 24601
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 <223> Clone ID: 700907637H1
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 gcatcttctt ttgccttaaa acacaaaact caaacacaag aacagatggt aagcagtga 180
 agaacgtcat ctggatctac aacaagcgat atgcaagtaa aaagggtatt gtcacttatg 240
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<210> 24602
 <211> 267
 <212> DNA
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 <223> Clone ID: 700907603H1

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 ggctctctta actttggagg agaagaaaat cccttacaaa ctccacctca tcgatctcag 180
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 <223> Clone ID: 700907559H1

<400> 24603
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 accagtgtga gtgatcttga tacattacca tatcagctgg ttgtacatca tctagaatta 180
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 ctaa 244

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 <213> Glycine max
 <223> Clone ID: 700907560H1

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 aagaacgatg caagaaagggt ggggttgtgg atattggaga gggtgtcttt acaacaatcc 180
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 ctcatgag 248

<210> 24605
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 <213> Glycine max

<223> Clone ID: 700907562H1

<400> 24605

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 ggtggatttg acttgctccg atgggtacttt tgccagagct gctgttccaa gtggtgcatc 180
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 tgtatcaa 248

<210> 24606
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907563H1

<400> 24606

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 gttgccaaacc tcggcgactc gagagctggt cttggcagga gggatacggg gagaaagaac 180
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 aaagaa 246

<210> 24607
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 <212> DNA
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<223> Clone ID: 700907564H1

<400> 24607

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 ggtgtgctat tagcaatttg cagacatctt aatttggtga agcttcccat tcctagctag 180

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cgtgcctcaa tttggaggg 259

<210> 24608
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<212> DNA
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<223> Clone ID: 700907565H1

<400> 24608

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acggttttta gacctatgct ccagcatatc ttagcccaca ggcattcaggg aaaaacctcc 180
ttattggagc aaactttgct tctgctgcat ctggttatga tgaaaatgct gctactttga 240
atcatgcat tccgttgtcc caacagttaa gtt 273

<210> 24609
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<223> Clone ID: 700907567H1

<400> 24609

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accctcctcc agcacctttg ttcgacccag aggagctcac acagtgggtcc ttctatagag 180
ccctcatcgc tgagttcata gcaacccttc tcttcttcta tgtcactgtg ctcaccatta 240
ttggctac 248

<210> 24610
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700907569H1

<400> 24610

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253

<210> 24616

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700907582H1

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gaggaccacc acctgctcaa cgcgagacac cacttctccg ccttcaagac aaagttcgcc 180

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<210> 24617

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700907583H1

<400> 24617

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agattcacca caaggtctcc gagaattgga tcagcgcacac tctcttgctt ggtcccctcg 180

tcggaacctc cacgtatgtt cagaactacc tggaaaagga gaagctgtct cacaggtact 240

gaactcatg 249

<210> 24618

<211> 242

<212> DNA

<213> Glycine max

<223> Clone ID: 700907586H1

<400> 24618

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ctcctctcag ctgcacaaga gtctccaatc ccaactctct ctctctctcc acttgccaaa 120
 ggaaaaaggc taaagagaaa cccacacaca cacacacaca cagaaatatg tcttccccc 180
 gcaagcgccg agagatggac ttgatgaaac tgatgatgag tgattacaag gtcgagatga 240
 tt 242

<210> 24619
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 <212> DNA
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<223> Clone ID: 700907587H1

<400> 24619

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 cattcaggtc caccaaaggt tgaaagcagc agctctaaat gcagagttag ctgtggacaa 180
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 atatatca 248

<210> 24620
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907588H1

<400> 24620

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 ttattattac atgcttttga agcaactttg gaagagaggc tgaaaaagct tattcccaag 180
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 agtcat 246

<210> 24621
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<223> Clone ID: 700907590H1

<400> 24621

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 acaacttttg ggactcaaac tcagacactg gaggcatac agcttcattt gtgccaattc 180
 ctgcacctta tggcgacggc ttctttcaca agccttcttg aatggactgt gatggccg 238

<210> 24622

<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700907592H1

<400> 24622

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 atcaatgagt atggttgctt cataattagc tgctccttct cagatgacaa taatgtgtat 180
 tactgtgttg gaactgcata tggactgcca gaggaaaatg aaccaaccag agtaagtga 240
 gaa 243

<210> 24623

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700907594H1

<400> 24623

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 cagaagggaa aatggcgctg atgacgtcac tctcaagatt ctcttctgcg gggtttgcca 180
 ctctgatctc cacactctca aaaacgactg gggtttcacc acctaccctg tcgttctctgg 240
 gcat 244

<210> 24624
<211> 240
<212> DNA
<213> Glycine max

<223> Clone ID: 700907595H1

<400> 24624

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cctctggctc catacttctc tgagtgtact acatcagagg acttgatga tatgaacatt 120
gaaataatga ggaacactct ttacaaggca taccttgaag acttctctag attttgtcag 180
aaacttggtg gtgccacagc tgagataatg tctgaccttc tagcttttga ggctgataga 240

<210> 24625
<211> 273
<212> DNA
<213> Glycine max

<223> Clone ID: 700907601H1

<400> 24625

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aactgaaaa gccaaaggaca gagagtgcaa tttcaactgt gggttctctt cccacccaa 120
ctagtacacg ttttattgct tatgaagagc ttaaagaagc aacaaacaat tttgaagcag 180
cgagcatact tggagaagga gggtttggtg gagtttttaa aggtgtctta aatgacggta 240
ctcctgtagc aattaagagg cttaccagtg gag 273

<210> 24626
<211> 280
<212> DNA
<213> Glycine max

<223> Clone ID: 700907602H1

<400> 24626

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tagaaatggt gggcatcatg gtgatactca agaactcata aatcggcttc tccctatcct 180
tcaggtaact aaagggttgag gatgaagaac gggagatgat catggcctct ctttcctagt 240

tcctctacct aactcttctg attttatttt actttcaaat 280

<210> 24627
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<212> DNA
<213> Glycine max

<223> Clone ID: 700907557H1

<400> 24627

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gacaactttt catagatgga gaggggaaag tccctcttct caacaatcgg tttccgatca 120
tcaaccccg c tactgagaca tcatagggca tattccagcc gctactaagg aagatgttga 180
ccttgcggtg gatcgtgcta aaagagcctt ttcccataac aaaggcaaag attggtcttc 240
agctcctgg 249

<210> 24628
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700907515H1

<400> 24628

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tagctatgcc aagaattcct cactacagaa gaagcaatct gataaagtga agcacataat 120
catacaaaca gttgaggagc tctaccttgc aaccactcca aagagcatag gcattgctga 180
tttgggctgc tcctctggac caaacaccct atcaatcatc aaagatatct ttcaggccat 240
ccaaggcata agcca 255

<210> 24629
<211> 271
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<223> Clone ID: 700907517H1

<400> 24629

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 taatggtggg tgtggttaatt ggcgtggttg ctgtagttca aagcccaaag ggcgtgaaca 180
 acaacaacaa tggaggagaa ttgaaaacca gcaacagggc cgtgacagcg ttgtgccaag 240
 gtcatacga ccagaaacgg tgccacgagg t 271

<210> 24630
 <211> 257
 <212> DNA
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<223> Clone ID: 700907518H1

<400> 24630

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 acgacaactt caagggcacc cgggtgggccc tctcctcgc cggttccaat ggttactgga 180
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 tagatgacaa tattatt 257

<210> 24631
 <211> 256
 <212> DNA
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<223> Clone ID: 700907520H1

<400> 24631

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 ctttgttgta cagatgtggg cacatgtgca catgttcaaa atgtgctaatt gatttgctcc 180
 aaagtagaag aaagtgtcca atgtgtcaag caccagtggg ggaagtgagt tgagcttatt 240
 ctatacaata gtttttg 256

<210> 24632
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907521H1

<400> 24632

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 ggcgacatct tgggtgtgcac acgcagctct gttcccacgt gcgagtatgc taagggcgtg 180
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 aagatccctg gaa 253

<210> 24633

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700907522H1

<400> 24633

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 aattgttctt acatataatg agcgtctcaa cattggctctc attgtttacc tcattcttcaa 180
 gcaccttggg gatgctgatt ttgaaattat tattgtggat gatggcagtc ctgatggtag 240
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<210> 24634

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700907523H1

<400> 24634

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 tgctggtaac cggcggagcc gttacatcgg caccacacacc gttcttcagc tcttgctcgg 240
 aggttgca a 251

<210> 24635
 <211> 254
 <212> DNA
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<223> Clone ID: 700907524H1

<400> 24635

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 atttgctgag cctgacagac ctctatgggt cccaggcagc acccctctc catggcttga 240
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<210> 24636
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907527H1

<400> 24636

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<210> 24637
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 <212> DNA
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<223> Clone ID: 700907530H1

<400> 24637

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tctggggttt acagagtgag tcacataccc agagaagggtg aagatgggaa atgggcttgg 180
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<210> 24638
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 <223> Clone ID: 700907531H1
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<210> 24639
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 <223> Clone ID: 700907532H1
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<210> 24640
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 <213> Glycine max
 <223> Clone ID: 700907533H1

<400> 24640

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taatttcctt tttctaccct ccagtgtcgc cgtttctcaa caattcttac cctaatacgc 180
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<210> 24641

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700907536H1

<400> 24641

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ccgaaaacgc cgttcccgaa agcgacacgc acccgtcgaa aaccgctct tcaaaactct 180
cgaactcggc gccttggttg gcttatggta cctcttcaac atctacttct acatctacaa 240
caaacagggtg ttg 253

<210> 24642

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700907537H1

<400> 24642

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tggaagaaga acagtccttt cttgtatgat ctggtcatta cgcatgccct cgagtggcct 180
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cagaagggtc tc 252

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<223> Clone ID: 700907538H1

<400> 24643

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<210> 24644
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<223> Clone ID: 700907540H1

<400> 24644

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 gagtgtctcg ctctctcatt catgtcccaa ctgtacgacg gaggacaggt tgcgtaactg 180
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 cagacttgct ct 252

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<223> Clone ID: 700907541H1

<400> 24645

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 actgaactta gtttggaag ctttggcggg tttgggatta gctcaagccc caacccatca 180

atgcctaaga caaatccttt tgggggttca tttataatg taggaacaag tttatcaagc 240
tctacagtta cat 253

<210> 24646
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<212> DNA
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<223> Clone ID: 700907543H1

<400> 24646

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tcattctctgc caaagatgaa gattgggatt gggagaaaca agttccctcc ttgccctctt 180
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<210> 24647
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<223> Clone ID: 700907544H1

<400> 24647

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ctggctttgt caaagctgct gtcaatgcac tccaacatca gccgattgtc aatgcagtca 120
ttgatgggta tgatattata tacagagatt atatagatat cagcatagct gttggtactc 180
caaagggcct tgttgtaccg gttatccgca atgctgatac catgaacttt gctgatatag 240
aaaagcaga 249

<210> 24648
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700907546H1

<400> 24648

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 tgtcatgtca aggggtgtgct ggagctgtaa acagggtttt ggaaaaaatg gaaggtgttg 180
 agtcatttga cattgatctg aaggagcaga aggtgacagt gaaaggaaat gtgcagccgg 240
 acgaagttct 250

<210> 24649
 <211> 246
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907547H1
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 actcctctcc accactccca ccccataccc tctccaatac gaactcatca tcaaccgtcc 180
 ttcttaccac gactctcccc gccaccacc tgctcgacct attgactccc ctgaaccgga 240
 actcaa 246

<210> 24650
 <211> 249
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907548H1
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 caatgaccag ggtaacagaa ccacgccgtc ttacgtcgtt ttactgatt ccgagcgttt 180
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 taagcgttt 249

<210> 24651
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<212> DNA
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 <223> Clone ID: 700907550H1
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 aatcagggttc gattccctaa cctccacaa atcgctttct tttctttgca gtttctccat 120
 ggagggctct gcagaggatt tcggagcccc cgagtcattg gaggtcgctg atttggaaga 180
 gtccatgaac cgcttgaacc tcattgcttc ttccaacaac gattctaagt aacctcacca 240
 acgtgtcgcc gatg 254

<210> 24652
 <211> 69
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907552H1
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 agcaatggt 69

<210> 24653
 <211> 255
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907514H1
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 ttatttatga ataagattta catattagta gtgaaaatca aacaatgttt acgtggaata 180
 tgaattcatt ccttattgga ccgacatttt ttttacaccc aatttagaga ataatacct 240
 agcaaaatgg gggat 255

<210> 24654
 <211> 254

cgatatagaa tggtacaaa

259

<210> 24657

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700907479H1

<400> 24657

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taatgttttg agtgcaatac cacaagatat cagtagggat gAgTggcttc aagctctgcc 120

tcgtgctcta gttgttggtt ttgtaaaaac tgacatagag tttcagaaaa aaggggaaac 180

ttcaggaaca acagctacat ttgttctggt tgatggatgg actgttactg ttgcactctgt 240

tggggattcc cgttgc 256

<210> 24658

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700907480H1

<400> 24658

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ccgttcccgA taccaaaaat accaaaaaac ttctggaaac caaagtccca gaaaccaaag 180

caccctcccc caccgccaGa ctaccgtgta caactaaagt ccgatcccc agcgccaaac 240

gcaccaccga agcaaataca t 261

<210> 24659

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700907482H1

<400> 24659

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 gctgcaagaa aatctgcacc taccaccggt ggagtcaaga agcctcatcg ctatcgtcct 180
 ggaactgttg ctcttcgtga gatccgaaaa taccaaaaga gcacagagct tctgatccgc 240
 aagctcccct ttca 254

<210> 24660
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907483H1

<400> 24660

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 gggcggtgag agggccggtt cgggtttggc aagaagaaag ccgccgcccc gaagaaagtt 180
 tccagggggg cgggctctag ctccgatagg cccctgtggt atccggggcg caaggcgccg 240
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<210> 24661
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 <212> DNA
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<223> Clone ID: 700907484H1

<400> 24661

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 acgtcgccgc cccctccgtg caaatccccg ctctccagc cgtcggcccc gttgcgccg 180
 cccctgtacc cggcgtatac tccgccgtgc cgcaatatca ggcacagcag ttatttgaga 240
 gggatgcgca gataata 257

<210> 24662
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 <212> DNA
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<223> Clone ID: 700907485H1

<400> 24662

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 cgggtgggcgg agctactacc gccagctctc aacggcggcg atcgtggaac agatacacca 180
 gcacgggtggc ggcgcgtttg gaagcttcca cttgcggagg atgtccactc ttccagaggt 240
 aaaggatcag cactc 255

<210> 24663

<211> 242

<212> DNA

<213> Glycine max

<223> Clone ID: 700907486H1

<400> 24663

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 gtacaagcca ctgcatgtag cgggtgtcca caagctccct cgagaccctt atgatcttcg 180
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 tc 242

<210> 24664

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700907487H1

<400> 24664

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 atgcatctgt gagttgactg tactgtgcaa ttttcttga aattggagat tagaatataa 180
 cctataaaag gcttggtgc aagttatgcc atgtagtttt gtttcaggat catcttcaca 240
 ccctctggcc tcgt 254

<210> 24665
 <211> 254
 <212> DNA
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<223> Clone ID: 700907489H1

<400> 24665

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 cataaaacag aatgttcagc tgagaatgca gttgcaaaaa gaacatcttt ttcgtccccg 180
 aaaaatggta gccaccttgc aaatcacacc cccttttcag gaactccaca ccaagcaaat 240
 gtagcttctg ataa 254

<210> 24666
 <211> 154
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907490H1

<400> 24666

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 gttatccata ttgtggggcg catttgagca acaatgggtgc acacaacagc agagcctaag 120
 gagggagagt cgatcgggaa actaacggcg gaag 154

<210> 24667
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907491H1

<400> 24667

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 gagctccagg acatgatcaa tgaagtggat gctgatggga atggtaccat cgacttcct 120
 gagttcctaa atctcatggc caggaagatg aaggacactg attctgagga ggagctgaaa 180
 gaggcattcc gggttttcga caaggaccag aatgggttca tctctgctgc tgagctccgc 240

catgtgat

248

<210> 24668
 <211> 163
 <212> DNA
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<223> Clone ID: 700907493H1

<400> 24668

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 aaaagctgat aacagatggt ctattcttgt tctgatttgc ttg 163

<210> 24669
 <211> 124
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907494H1

<400> 24669

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 accagacgca atcgacgtcc gctgacactg ttcacgcaga cgggtgctaata accgatccgt 120
 ttgc 124

<210> 24670
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907496H1

<400> 24670

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 gttaaacaaa aggatattaa attgattgtg gaatacaaga acaataattt ttatcctttg 180
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 gtcacgggaa cttttgtgtg c 261

<210> 24671
 <211> 258
 <212> DNA
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<223> Clone ID: 700907504H1

<400> 24671

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 cactgaatgt tagaatcaag gacttggtga agcgaatgac cctggaggag aagataggcc 180
 aaatggtgca gattgaacga agtgggtgcca cccctcaagt gatgaagaag tacttcattg 240
 ggagtgtgct gagtgggg 258

<210> 24672
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907505H1

<400> 24672

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 acaacggcag agcaagcagc cagaaaaatg gtgttgctgt ccaaagcaac aacagaacaa 180
 tactcctaca tcaagaacta catgccaaact gcattctcct caacaattcc catagtggac 240
 ctctccaaac ccgatgca 258

<210> 24673
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907506H1

<400> 24673

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 aaccattccc aatagccgcc tctgataatt gattactatc aaccaactt caagttgtgt 120

tcttttgtgg tgtgtaaccg tattctgtat ttgttttcat caattggaaa ctgggttttc 180
 tcgctttttg cagataagca tcaataggat actagatcat ggattggtac tatgggaacg 240
 gcattaatga ttat 254

<210> 24674
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907507H1
 <400> 24674

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 gcacttgctc tcatagttct tgatttcaaa gatgctacac catgtttaga gaaggtttcg 120
 tattcacttt tgatattctt ttgtggaatg tttattacag tggatggcct caataaaact 180
 ggaattccaa gtgctctgtg ggacataatg gagccctatt ctcatgttga tcgtgctagt 240
 ggaattgcaa tac 253

<210> 24675
 <211> 255
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907509H1
 <400> 24675

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 ataaataatt tttcatgcgt tgctccctt gatgtagata aagagaagtt agttaaaca 180
 gagaagttga ggagatcctc tgaagcaacc tgtgtgattg tcccaccaa gaccttccgc 240
 atatcatcaa aacct 255

<210> 24676
 <211> 254
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907510H1

<400> 24676

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 cggcactggg agcggccaag ctgccaaatc tttagctgca atatacaaga atgtgatagc 180
 cacagatgct agtgacaaac aacttgaatt tgcagccaag ctcccaaagtg tgagatacca 240
 acacaccctc tcaa 254

<210> 24677

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700907512H1

<400> 24677

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 atctgggttg gggattgttt tatctacagc aattcttctt ggaggcttaa ctattgtgtt 120
 ggtggtgagg ttactacaat gtttcatttg gaccgtccta tgtacttggt gggatatctt 180
 gccagccaaa gtaaggtcta tttgatagac aaagaattca atgttggtggg atacacacta 240
 cttttaagtt tg 252

<210> 24678

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700907513H1

<400> 24678

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 tttttgttct gctttgcctc tgcactgacc ctttcagtat cggagtccaa atcagcttca 180
 gtgcaacctc atgctgctga atctttctct gttggatata ttcagatgaa gactgcagcg 240
 aactgttctt acct 254

<210> 24679
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907472H1

<400> 24679

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 tacaattttt ttagaaatat atcagtttat tgttttcttc tgcaatttta gggttattta 180
 aaccctaaa atcactatgc taaattcccg agtagtagct agagtcggag cttcgatcgt 240
 taaacacct 249

<210> 24680
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907432H1

<400> 24680

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 ggggtacctga atcaggggtca cccttctaga ggaacaacac ttgttattac tctttcattg 180
 gtgctttcga cacttggtgc cttctccact ttcacacatg ccttctctcc cttctgcgtt 240
 tccggaactg aatcctataa aacctag 267

<210> 24681
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907433H1

<400> 24681

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ccccattctt ctcccaagat cactgttttc gctcgtgaag tcgttgacagg tggacctggg 240

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<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700907434H1

<400> 24682

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aagaaggaaa gactgcatta gaagaaaagg actactccaa atttgcagct ctcatgaatc 120

gaaattttga cctgcgaagg ttaatgtttg gagatgatgc cctcgggtgat ttgaacctaa 180

aaatggtaga ggttgccaga aaggttggag ctgcgtcaaa atttaccggt agcggaggag 240

ctgttggtgc attttgtcc 259

<210> 24683

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700907435H1

<400> 24683

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gcttctttcg ggccaaatgg aactgaaaat gaggattcgt tgcctcccc acctcccggt 120

gtaccatcag atgttgatc tggttaaagct gagccggaga agaaaaaggc ttcaagggtt 180

ccaatagcca ggcgtggcct tgcttcaaaa gggacgaagc tgcaacttct caccaatcag 240

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<213> Glycine max

<223> Clone ID: 700907438H1

<400> 24684

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 atcactgctt agaagtcaag tgagcgagtt ctctggacaa aagcgctgt ttt 173

<210> 24685
 <211> 255
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907439H1
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 gtgcacagta cctattaaag tattaaggta tgattacgtg gtggagcagc agcgacagtt 180
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<210> 24686
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 <212> DNA
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 <223> Clone ID: 700907440H1
 <400> 24686

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 aaacccttct tccttcagaa ttcaatgact gtagtaatg 159

<210> 24687
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 <213> Glycine max
 <223> Clone ID: 700907441H1
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aaatatcctc tattgagaag aaggcgtagg ttgattgtta tagcatctga tttgtatgac 120

aataatggag ctccggagaa gaaaatgatt gagatgggtg 159

<210> 24688

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700907442H1

<400> 24688

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gaaattgaga atggaatgct gtgggaagtt gaggggaagt gggttgttaa gggagcagtt 180

gatgttgaca ttggtgcaaa cccttctgct gaggggtggag aagatgaggg agtcgatgac 240

gcagctgtta aggtt 255

<210> 24689

<211> 158

<212> DNA

<213> Glycine max

<223> Clone ID: 700907443H1

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ttgatggctt cccaaatggt cctctgcact ttacctgc 158

<210> 24690

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<212> DNA

<213> Glycine max

<223> Clone ID: 700907447H1

<400> 24690

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aagctgctcc acgaggcttc ggggcacgtg gtgacggtgg agctcaagag cggagaactc 120

tacagaggca gcatgatcga gtgcgaggac aactggaact gccaaactcga gagcatcacc 180
 tacactgccca aggcattggca aaacatcgca acttgagcat gtgtctattc gaggaagcac 240
 agtcaggttt atggatcatcc ca 262

<210> 24691
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 <223> Clone ID: 700907449H1
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 gtagctaagt gtctcttcaa ggattagcaa cgcaaaaatc attctaatta tagattgtga 180
 catgtactca aaccattcac aatcagtgag agatgccctt ctgttttttc atggatgaag 240
 agaaaggcca agaaatt 257

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 <213> Glycine max
 <223> Clone ID: 700907450H1
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 ggcgctgggtg gcggagaatg gtgactacgt ggcggtgagg gagctgaagg aggtgaagaa 180
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 atggtgtcag ttcggtg 257

<210> 24693
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 <212> DNA
 <213> Glycine max
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<400> 24693

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 tgatcctgcg cattttgatt atggaatttt tgggcaagtc ttgtcttctg gcatcatttc 180
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<210> 24694

<211> 101

<212> DNA

<213> Glycine max

<223> Clone ID: 700907452H1

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<210> 24695

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700907454H1

<400> 24695

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 cgaggagatg gtggagttca tggagaaggt ctccgctcc gccgagagcg aggagctgac 180
 cgtggaggag cgtaacctcc tctccgtcgc ctacaagaac gtgatcggcg ctgcccgcgc 240
 ctctggcg atca 254

<210> 24696

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700907458H1

<400> 24696

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 gcgcgcagga gtatgtcagc cagcacaacg cagcagcgct totggctgct ggccttgatc 180
 gcacctttga cagaatgcct tatctgctgt ctctgtcttc ctttgtggct gacgatgttg 240
 ctctgctgt tcctgct 257

<210> 24697

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700907461H1

<400> 24697

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 tcaatggaag atatctctac tcaccttga gactttcatc attgaacaat aaggcatcag 180
 aagcattttc cataaagtct tccttggagc aaaggcaaca acaagagagg agaaggggggt 240
 ttctaaaact gttgcttga a 261

<210> 24698

<211> 258

<212> DNA

<213> Glycine max

<223> Clone ID: 700907463H1

<400> 24698

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 attcaaccag aatttcatta tcaagcaaac atcgaatcag atgattggta tgggcttcaa 180
 tatggtacaa atgagacaaa catgtcagac tttttgaatt cagttgtgaa ttgggatcaa 240
 gtatcctttg aggatctc 258

<210> 24699
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907464H1

<400> 24699

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 agttcaggaa tgcggttaat caacttgtgc aagatggggtt tacttgtgct cttctttcgg 180
 cttgaaattg gggtagccta tgctctgctc ttagttttaa ttaactcctc aataacatat 240
 tcgtccattt tatatgtggg ata 263

<210> 24700
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907466H1

<400> 24700

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 cgccgtggcc gtgacctact gcaagcgcggtc gcgcgggtctc atcaagatca acggctgccc 180
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 gggtaagagc cgct 254

<210> 24701
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907467H1

<400> 24701

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 ttatgataaa cctgtttgaa atatcagcaa tttccctaga caatacagga agatatgata 180

gattttggtg caataattgg ctgttctgtc tgcagtggac atgtaatggg tgcaatgggt 240
 caacaattaa ttccttg 257

<210> 24702
 <211> 256
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907468H1
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 tgtcataggt ctcttctgtc tacgacgatg ctacaaaatc attttgtttt ccaatatctg 120
 tttttttctt gcattattta ttttggatct taggagtagt aagtaaacac agcacctcag 180
 gttttttatt ttggcagata tacatgtttt ttgttacaca aatattttgt atctttgctt 240
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<210> 24703
 <211> 158
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907469H1
 <400> 24703

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 ccaaagcagc aacattaaaa ttaaaacatg gcattctt 158

<210> 24704
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907431H1
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 ccgggccatt gtttcctagg ttgagagatg attgtgacaa ctttcagaaa gatttggtgc 120

tcttgaagga aagaagagca atcttttgtg aaatgaacaa ccttggtagt ggtcagattg 180
 acaatgagga agtttctcaa ggggcagttg gtccaatgca attagagctg gatgacataa 240
 gatagagttg ttactggtgg a 261

<210> 24705
 <211> 251
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907470H1
 <400> 24705

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 atctctcctt tgtggggatt cactgtgagt agatgctact aacacatctt tacggagcat 180
 cattcatcat tgttctgcat tacctctcgt gttcaatatg gatcagtgct ttaactaaac 240
 atctgtgaag g 251

<210> 24706
 <211> 117
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700907471H1
 <400> 24706

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 agatatcata tcattctcac ctacggggtt tagctaacc tncagccatc ccagcgt 117

<210> 24707
 <211> 264
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907388H1
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aggctgctgc aacttcaaca aattcagagc cgaataaaaag gccaacccca agtcccttgg 120
 ataattgtca acgtgaaaca cattcacatg agttggtgga tgggcaatca acgagtcaat 180
 catattttac agaccaacaa aggccacttg gaaaaactga aagtgccatt ggaattcctc 240
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<210> 24708
 <211> 261
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
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 ttcacactgc gcgttacttg atcaccaatc gtgcctatat tagaactccg gggtaatttc 180
 ggatatgtct tctgatagtg caaaggaaaa tgcatcagta gttgattcgt angtcactga 240
 agggaggaat gacattggaa a 261

<210> 24709
 <211> 267
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 <213> Glycine max

<223> Clone ID: 700907391H1

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 accctccag cgtcagtagt tctcaagct tctgctcctg ctctgctcc tgcctctgct 180
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<210> 24710
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907392H1

<400> 24710

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 attaagcttt atgtccgccg tgtctttatc atggacaact gtgaggagtt gattcctgag 180
 tatttgggct ttgtcaaggg tattgtggat tccgaagatc taccactcaa catttcaagc 240
 gaaatgttgc aacagaacaa gatctt 266

<210> 24711

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700907393H1

<400> 24711

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 ggtgtttcag aatcatcaac cactcaattc cactaacact catggctgac atgaagtcag 180
 tggttaaata cttgcatgac cttcccacgg aaatcaaaat gcgcaacata acctccgtcc 240
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<210> 24712

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700907394H1

<400> 24712

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 cgacggcaag gactaccagg agccggcgcc ggcgccactg gttgaccga cggagtttac 180
 gtcatggtcc ttttacagag cagggatagc agagtttgtg gccacttttc tgtttctata 240
 catcactgtc ttaaccgtca tggga 265

<210> 24713
 <211> 261
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<223> Clone ID: 700907402H1

<400> 24713

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 tgggctggaa gaaaccgatt ccaaataaat gacacaatag ttttcaagta caataagggt 180
 tcggattcgg tgttggaagt gaagaaggaa gattacgaca agtgcaacaa gaccaacca 240
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<210> 24714
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907403H1

<400> 24714

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 aatcttctct atcgaccgag ccacctctca agcagcaaca accaaaaccc gaaaatcccc 120
 ctcaagaata cgaagaagaa gacgaaaacg acgtcgtcaa acaacagcag cagcaacagg 180
 aagacgaaga cgacatcccg atatcgaaac ttctggaacc gttgggcaag gaccagcttc 240
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<210> 24715
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907404H1

<400> 24715

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aataagataa attaatatat tttagagtct gaattgagat atgcttatta aggggttgcac 180
 caaaatttttc tcttgtctac catttctgtg tctttctaga cgataacaga cagcaaattct 240
 atttcactat tt 252

<210> 24716
 <211> 255
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907406H1
 <400> 24716

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 caagggtgac agagaacaaa gaatctacct ctggtttgac cctacaagag aatatcacag 120
 atactcagtg ctatggaaca tgtaccagat tgttttctat gtggatgact acccaataag 180
 ggtgttcaag aacagcaatg acttgggagt gaagttccca ttttaaccaac caatgcagat 240
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<210> 24717
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 <223> Clone ID: 700907412H1
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 aaccacaaat tcctttcctg gggatgtgac cacagaaagg attgctcgct cttcaggaag 120
 catactggag tatggcgtca gcactttctg aagcagatgg aatcgattac actgatcctg 180
 aagagcttga gttgttggtc agaactctta tagatctgga tgccatggat ggtaaacaaa 240
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<210> 24718
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907413H1

<400> 24718

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 ccttctctga ttccacttct ccggattagg gttttctttc tttcagtaga aaaagaaaag 180
 ggtgggttgg gagaaatggg tgagcaatcg gtgctggcac tggaaaagca gcaaggggtca 240
 aatccagtgt tatcagaagg a 261

<210> 24719

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700907414H1

<400> 24719

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 tttttgttct gctttgcttc tgcactgacc ctttcagtat cggagtccaa atcagcttca 180
 gtgcaacctc atgctgctga atctttctct gttggatata ttcagatgaa gactgcagcg 240
 aactgttctt acctggtag 259

<210> 24720

<211> 164

<212> DNA

<213> Glycine max

<223> Clone ID: 700907415H1

<400> 24720

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<210> 24721

<211> 261

<212> DNA

<213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700907417H1

<400> 24721

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 tttatgcgaa ccccttacgg tttacaaca tgccacaggt taaaatgatg gtagtacttg 180
 gggaacttgg tgggcgtgat gagtattcct tagtggaggc tgnanaacac ggagaagtat 240
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<223> Clone ID: 700907418H1

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 atttccttgc tgatgacaaa gctggaacag cagagaataa agcatccaaa gatgaaacgt 180
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 gttttccagg caaccctttt g 261

<210> 24723
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<223> Clone ID: 700907419H1

<400> 24723

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 atagtgtcca ctactcaggg tggtttggtt ggtgctgcca ccggcatctt cgggtgctgcc 180
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atccagttga tcagtgccac

260

<210> 24724
<211> 260
<212> DNA
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<223> Clone ID: 700907420H1

<400> 24724

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ataatggatt atgccaaagc ttaccgctct ggggacataa caccaagctt ggttgcagaa 180
cgattttattg ctgctattga tgaatccaca aaacccccac tccaaatggg gttctttatt 240
cactatagtg ctgatgatat 260

<210> 24725
<211> 251
<212> DNA
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<223> Clone ID: 700907421H1

<400> 24725

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tgaactgggc agttggtcga cactcttgaa gaggcacgc ttcctcttat ttgctcttgc 180
tctactaact gtctctgta ccatttatct atattttgca gttacatttg cagccaatga 240
ctctgctct g 251

<210> 24726
<211> 112
<212> DNA
<213> Glycine max

<223> Clone ID: 700907422H1

<400> 24726

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gtagacagag gctgcaattc gcgattatgg tatgagtggc agacatgcag aa 112

<210> 24727
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907423H1

<400> 24727

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 gatcaagaag gttttcgaga agaatagcac caagaaagct gctgctgctg aggccaccaa 180
 gtcctttgat gagtcaaagg aggaatacaa caaagcctta gtagaaaaga agactgaact 240
 tcaaacaaaa gttgttg 257

<210> 24728
 <211> 257
 <212> DNA
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<223> Clone ID: 700907426H1

<400> 24728

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 ctcttccggg aaacttaacc gggaagtgc tatgcggcca atggggtgcc ctcttctgc 180
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 cctcaatggc actcttc 257

<210> 24729
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907427H1

<400> 24729

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 ggagtgggta tggtaagcgt cccactctc aatctgacca tgataatggg ccaaataaaa 180
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<210> 24730
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907428H1
 <400> 24730

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 atgcatgtgg cacatgccac caaaaaccta ctcttcttcc cctcctcca tcagggaagt 180
 gcccgaagga cacattgaag ctaggggtgt gtgctgatgt tctaggactt gttaatgttg 240
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<210> 24731
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907387H1
 <400> 24731

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 ctttaggtaa aataatggtt ggatcatctt tattctgcat tgttatgttg ttttctatcc 180
 atttgaccct attgattcat tgcttacttt aggaagatct gcccgctctg ctctcgtgc 240
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<210> 24732
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907352H1

<400> 24732

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ctgcaaaggg tcttgctttt cttcacgagg aagctgaacg accagtaata tatagggatt 180
tcaaaacttc caatatacta ttggatgcag aatacaatgc taagctctca gactttggac 240
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<210> 24733

<211> 272

<212> DNA

<213> Glycine max

<223> Clone ID: 700907353H1

<400> 24733

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ccacactttc tctctcactc acagcacggt ggtgacgacc atggtttagag acgatctatg 120
catcacggtt cccagcttct tccgtgccc tatctccctc gacgtcatga aatcccctgt 180
cagcctctgc accggcggtta cctacgaccg ttccagcatc caacgctggc tcgacaacgg 240
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<210> 24734

<211> 269

<212> DNA

<213> Glycine max

<223> Clone ID: 700907355H1

<400> 24734

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tgcgacggtt gcgcttccaa aatcatcaaa cacctccgct gtctccaagg tgtggaaacg 180
gtgaaggctg atagcgacgc cgggaagggt accgtgaccg gaacagtgga cccacgaaa 240
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<223> Clone ID: 700907356H1

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 agctactgtg agacttattt ccaaggttca ttctgtgtgt tctctaccta atttattctg 180
 atctaacttt ggcctaggag gccaccatt gggctttggt gggctttcac tgaaccaata 240
 aaaaacccat ctttaaaagg tgctttgt 268

<210> 24736
 <211> 147
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700907358H1

<400> 24736

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 gatcgtgaat tcccctcaca ggntgattct agggcagacg gtcggagact gctaccggcg 120
 atgtctgcac tctacgnan cggagca 147

<210> 24737
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907359H1

<400> 24737

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 atgggagtct tcacctttgt cgttcgcaaa tccggcgccg aatggagcgc caagcaacat 120
 tccggcgaca tcgaggctc cgccgactcc acctacgac tccaaaggaa gctcgtgcaa 180
 gccgctctcg ccgttgattc ctccggtgga gtccagtcct ccttctctcc cgtgtctcct 240

acctccgctg tgttccaggt gatagtgg

268

<210> 24738
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700907361H1

<400> 24738

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acaatagata cctgatcaga ccagggatat tgtcaacaaa acggctgaga cgcaacctga 120
tttagtaagc tagggaatac ctcttccctt tgctatgcat gcaaacaatgt ctgttcctgt 180
cagaactgat ggcgtacttg cacatcctct tcagggaatg tttctaatagc acaatcaact 240
gaatgcccaa caactagtg 259

<210> 24739
<211> 166
<212> DNA
<213> Glycine max

<223> Clone ID: 700907362H1

<400> 24739

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cagcattcac tgggtcaaact gctctgaagc agtcaatga gttcgtccgc aagaccgggtg 120
gcgccggcaa aggtcgact aacatgcgcc gcaccgtcaa gagtgc 166

<210> 24740
<211> 269
<212> DNA
<213> Glycine max

<223> Clone ID: 700907364H1

<400> 24740

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aaaaaaactg gtgctaagtt gaaaaaatca ttttgcccaa ccaaataaa ggaacttcct 120
tctcgagccc gctccaatac agactctcat ggttttcttc aggtggatgc tttagggagg 180

gtttcattcc tggctattcg cggcctcat gctctgcttg aagttgatcc gtcaaacagt 240
 ggtatctctg agcgaaatat ttctgagaa 269

<210> 24741
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907367H1

<400> 24741

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 acatttcaact tgatcaccac acattacttt cctaataatat tgatcaatgt tctattcgaa 120
 tgacaaaact tacgagcagt tcctgagatg tgttaggtgg tgttctctaa ttagagtgtt 180
 atcttgtcaa cttttctagt aaggtccaca tttagagtcg acactagatt ctgaggtgac 240
 tttaattatg aatagaaaaa c 261

<210> 24742
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907368H1

<400> 24742

attcataata ctggtcggaa aaaaaagtat taccctagtt tcccctagtt caaatacacc 60
 ccatgtcatg aaaattccca ccctcttcaa taaggcatat acatcatgaa gaggtgtgct 120
 attagcaatt tgcaaacatc ttaatttggt gaagcttccc attcctagct agggtcagtc 180
 tcaattgttg aatcgtcatg gaacgcaagg ggaaaaagcc tgtaagatg tccgtgcctc 240
 aatttgagg gtgggaacac aagcccg 268

<210> 24743
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907371H1

<400> 24743

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 atacgaagaa atggttgagt gtatgaagaa agtagcaaaa cttgatcttg atctaactgt 120
 ggaagaaagg aacctcctct cagtgggata caaaaatgtg attggtgcac gaagggcctc 180
 ttggcgcatac atgtcctcaa ttgagcagaa ggaagagtct aagggaaatg agcacaatgt 240
 taaactgatac aagagttact gccaaaaa 268

<210> 24744
 <211> 268
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907372H1
 <400> 24744

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 ttctcgtgag atttgcatat tccgaaattg agaactccac ccgcgcgaaa attgaaggca 120
 gagaagggca aaagatttga tctttcaaac gaggagtctc tgggggtgtca caggatgagg 180
 ctaaacggtg aaatctcaag cggagaagaa gaagaagagg cgaaacatac gggaacgacg 240
 acgttttctg cgcagaaagt ggtcattg 268

<210> 24745
 <211> 267
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907373H1
 <400> 24745

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 cattgaccct gttgctgggt ttgatcatga tctttcatcg cattttgtta gtggctcacc 120
 atgtcctcca tctgcatttc ctccaatggg agagggttcag cctaataaaa tcaaccataa 180
 atcaactaat ccatttgatt atccttttga ttcagatgta gaacataata atacgtgtca 240
 attgcaattc cttgacgtca gctctct 267

<210> 24746
 <211> 268

<212> DNA
 <213> Glycine max

<223> Clone ID: 700907374H1

<400> 24746

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 atttttccca tctttctcgt gatagttctt ctggctcaca agccaataaa ggcattccaca 120
 accttcaact tcaacaccac ttgaacaaat tcactgtcta gcgaatagtg atccaccttc 180
 atttcccgtt tccaataatc taaacctcac tctaatacgt tctcaggatt cccatttgca 240
 tcacactcac aagttagttt aattctgt 268

<210> 24747
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907375H1

<400> 24747

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 acattgccta caaactttct tagcaagatc actcctatac caataattaa ggaacttttt 120
 cgaactgatg gcgaacagtt cctcaagtat ccaccaccta aagtgatgca ggtcgacaag 180
 tctgcatgga tgactgatga agaatttgca agagaaacaa ttgctggttt gaatccaaat 240
 gtcacatga ttattgagga gttccca 267

<210> 24748
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907376H1

<400> 24748

ctatcactaa atctcattct tcactctgcag ctatttggat tgctgattat tgttaactga 60
 tattgggtgct tttctttgag aaagtgtgta cacttttttg ataagagaaa acaagagagg 120
 tgacattgga agctaactca gagagaggca aagatgttgg gaattttcaa gcagaagttg 180
 gttaatgcac ccaaggagct gaacagtcca gcttctttga attcatgcat taagcctaag 240

ctaagtcacg aaatcctgaa ggatttc

267

<210> 24749
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700907377H1

<400> 24749

tgttcgccct tttttttttt tttttttttt tttttttttt tttaaac'cgg gaagggttcc 60
ccccctttt tgaaataccc cccaaaaaaa aattattccc ctttttaaaa ttttaatttg 120
gggggggggaa aaaaacgggc cccttttttt tccccaggga aaattggggg gtctaaaaaa 180
aaaaaaaaaa aaaaaaaaaag ggggcccccc ccatttgggc cccctcccc cggggttttt 240
tttcgggggg gtgtccgggg ggc 263

<210> 24750
<211> 265
<212> DNA
<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700907380H1

<400> 24750

tctgaataga aatggcttcg gagactgaga cgttcgcttt tcaggccgag atcaagcagc 60
tcctcagtct aataatcaac acgttctaca gaatatagga gatgtntctt cgtgagctga 120
tcagaaatgc atctgaagct ttggataaga ttcgatttga gagtcttaga gagaagatca 180
agattgatgc tagcaggggg ttgttcattc acattattcc tgacaagacg aacaagacat 240
tgtctatcat tgacagtggg attgg 265

<210> 24751
<211> 263
<212> DNA
<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700907381H1

<400> 24751

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 tcgatgcctt cgccgacgac ttgaacgtca actcttcttc cagtgganag aagaaagagg 120
 annanganaa nttntctggn tanagnngnt aatgctcctt cacgggagga ttctgcgccg 180
 acggagatgt cgccgtcgat cataaagcgn nngcgtcgcc ggagatctac ggcttcaactg 240
 attcgaatcc cgcttactct cag 263

<210> 24752
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907382H1

<400> 24752

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 agcttggttg agtgcaaggg acagtggcag aggctacaat tgagagagag aatccttttg 120
 tgaatgctat cattgtgcct gaaggaaaca gggtcacac tgattaccgc tgtgataggg 180
 tttggggttg gatcaacaaa gatggaattg tcaaggaagt tccacacatt ggatagaaac 240
 ttttcctct agctagggtt caaata 266

<210> 24753
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907384H1

<400> 24753

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 aagatggcag acaatgagga tggaggggat aagacatctc gtgggaatga atgggaggtt 120
 gtatctctca cagcatcaac atatgcagct gctcctggtc ctgatgaagt tgagatgaag 180
 gatgatggga aagaagatgt atatgggcag gatgaaggag aaacgtcaca tgctttattc 240
 atgtctagac actttgtctt tccacca 268

<210> 24754
 <211> 266

<212> DNA
 <213> Glycine max

<223> Clone ID: 700907385H1

<400> 24754

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 ataaccctta taatgggagc aaaccttttt aaaggtttga agggagcaaa tacttcgttt 120
 tggacaattc ttggaattat agtagttcga tatattttcc tgccaatttt gggatttcta 180
 gttattaaag gagcaacaca gttgggtttg gtgcaaccag atcccttata tcagtttgtg 240
 cttctccttc aatatgcact tccacc 266

<210> 24755
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907386H1

<400> 24755

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 ggccatcggc ctctccctcg ctgagtccca atctttcatc ggagtaaact acggccaggt 120
 cgccgacaac cttccgggcg cggaggacac ggccagcctc ctcaaatacca ccaccatcgg 180
 aaaagtccgt ctctacggcg ccgatcccg ccatcatcaag gccctcgcca actccggcat 240
 cggaatcgtc atcgggcgct ccaacgg 267

<210> 24756
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907351H1

<400> 24756

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 taagttttta atctgtttgt tcccgttagc aacatacgac aatatatata tataacattg 120
 ttggttctgt ttttagcttt attaaaatat caatgaagat tcaggaaatt tgtattctcg 180
 ggtcttcata ctaatggttt agtgtgttct ggggaatgac tgtaaatttt attttgaatc 240

ataagtcatt tatatttaga caaa

264

<210> 24757

<211> 273

<212> DNA

<213> Glycine max

<223> Clone ID: 700907320H1

<400> 24757

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agatgcaaac taacctccat cgagtgtcag aatttgctgt aactgctaata caaacagtcg 120

atgacggcaa tgttgaagca agaacttctg ttaagagagt tcgtgaacat gacactgaga 180

cagagtcaga cgctgatgac attgttagta gcagtacaat ccctgtagct ctgacagacc 240

taaatagcca tgggattgat accacagatt tct 273

<210> 24758

<211> 273

<212> DNA

<213> Glycine max

<223> Clone ID: 700907321H1

<400> 24758

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gatagggaga gcgagcgtga gaggaagatc ttcgatttag agttttcaat ttcgtattca 120

gcaagtcggc gagtgtgaga ttttttagaga gagagaggtg aggacgctga gtgctctgct 180

gagagattcc ataaccccaa gaggaagagg aggaggagaa ggtggataga ttttttttcc 240

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<210> 24759

<211> 270

<212> DNA

<213> Glycine max

<223> Clone ID: 700907322H1

<400> 24759

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attctattat tatgtatggc ttcttcacct tcttcagaaa acaaaaacct agagggagta 120
 gctggtggtg ccggagagaa acccattcca cttggtgaga acgttctgca gaagcatgct 180
 gcattctttg acttgaataa agatggtgtc atctacccat gggagacttt taaaggggtg 240
 cgtgaaatcg ggactggggg tttgctgtcc 270

<210> 24760
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907323H1

<400> 24760

agaacacaaa atgtgactta caagggtcatg tttacgcttc acatcgacaa gggctcttctt 60
 ctatgtgcaa ttccaagggtc atgaatagtg gctaacagat catatatctc tagtgtttca 120
 gtttcacttt gctatataga tttctaattt gcaatatatg actctgccat gttgctaggt 180
 gaagaagaca ttattttcaa gtgtgtttat gaatgtatat atttccaaaa gccctttttt 240
 tttgttaatg tttatggaat ttcagacttt t 271

<210> 24761
 <211> 275
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907324H1

<400> 24761

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 tctctccttc tcgtccccga ctgcgccccc agactctcct cgcccgccac ttcaccgccc 120
 aatcaggtgc ttcttccttc aaaaagaggg ttgaagatgt cgtgccatt gctaccggcc 180
 acgagcgtga ggagattcag gccgatctcg agggaaggga tattcttgaa ataaaccatc 240
 ccgtaggtcc ttttggcaca aaggaagcac ctgct 275

<210> 24762
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907326H1

<400> 24762

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 tccgttgccg ccaacccctc cctccaccgc gccctcctcc ccaactctcc ctccctccgc 180
 gccctctcca cagcgccac tacctcctcc ctcaacgacc ccaccctaa ctggtccaac 240
 cgtccccga aagacaccat cttgctcgac g 271

<210> 24763

<211> 270

<212> DNA

<213> Glycine max

<223> Clone ID: 700907327H1

<400> 24763

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 ccgtaaccgt tagatcgagc gactacgact acgatttgtt gtacactgca tacgttagaa 120
 ccggttcggt gttgaagggc ggaacggact ctaagatcgg gctgaagctg tacgacaagt 180
 acggctacta catctacatt aaaaacctcg aagcatgggg cggttgatg ggcaagggct 240
 acgactactt cgagcgcggc aacctcgaca 270

<210> 24764

<211> 270

<212> DNA

<213> Glycine max

<223> Clone ID: 700907330H1

<400> 24764

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 gccaccaca cccaccaccg caggagacgac gacgacgacg aacgaccac cgtttaccct 120
 ccgcccggaa actccttcag caaccgcca cctccgttct acggcgctccc tcaaccacca 180
 cccctcagc cggagacca cgtgttccat tccgctcacg tgacaccagg acacgtgtcc 240
 catgacttca acaactactc cgctcccccg 270

002220"CTTTE560

<210> 24765
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700907331H1

<400> 24765

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actggtagaa ctgttggaat tggagcttat cttgctaggc ttgggatgag atgcatacaa 120
aggcttgatc agcccataat tcttactggt ttttcagcat taaacaaact tcttggtcgg 180
gaggttttaca gctctcacat gcaacttggg ggacctaaaa tcatggcaac taatggagtc 240
gttcatctta cagtttccga tgatctt 267

<210> 24766
<211> 270
<212> DNA
<213> Glycine max

<223> Clone ID: 700907332H1

<400> 24766

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ttttgctggc cattgaggat gttttcacca tcaccggtcg tggaactctc gccaccggaa 120
gggttgagag aggtactatt agggttggag agactgttga tattgttggg gtgaaggaga 180
ctaggaacac cactgtgact ggggtggaaa tgtttcagaa gattctggat gaggctttgg 240
ctggggacaa tgtgggcttg ttgcttaggg 270

<210> 24767
<211> 243
<212> DNA
<213> Glycine max

<223> Clone ID: 700907334H1

<400> 24767

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gcaatgacag cttttgatct tcacaagaca tagcttcgtg tgtgcgtaga ttttcttcct 120

tccagcttgg aaagactgaa gtctctgtct cttccaggtc atagtggctt cctcgaagat 180
 gatggtagcc aatagctttg atatatatcg caaggacaga ttgtcctctg cggcggaaga 240
 ggt 243

<210> 24768
 <211> 273
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907335H1

<400> 24768

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 atttattccg accatccaat ttgctactcc tacttgtcaa aacaacaaat gcgaacacag 120
 aaaatactag tagtatcaaa tttaagaacc cgagaccaag agtactagaa aaataaaaata 180
 aaacactaca tataaaaatta gagagaagga gagcgtgagt gtgtctgtgt ctgcgcttca 240
 gaaatgtggc ggtgctggc tcgtgctatt cgc 273

<210> 24769
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907336H1

<400> 24769

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 ggccctcaca accacactat tactggttta gctggtgcat tgaagcaggc cacaactcct 120
 taatatagag catatcagga acaagttctc agcaacagtt tcaaatttgc acaggctcta 180
 agcgagaggg gctatgagct ggtttctggg ggaactgaga atcacctggg tttggtgaat 240
 ctgaagaata aggggtattga tggctccaga g 271

<210> 24770
 <211> 269
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700907338H1

<400> 24770

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atatagtaaa ccttttttca gccttattct tgtgaaaatc acaggttacc agagttttgt 180
gtgtgttgag ttgataatga tgacattggg acataaaatc attcttgtgc tactattatc 240
ttctctgtat gtcactgata gttcttgag 269

<210> 24771

<211> 269

<212> DNA

<213> Glycine max

<223> Clone ID: 700907339H1

<400> 24771

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attctatgcc acaatcatga gtttggttca ctttggatac atagtgtgca ataattctaa 120
tgggtggttt tgttgaacac attaatcag gtgaccatca tgaaactcaa ggttgatctt 180
gagtgtgaga aatgctacaa gaaggttaag aaacttctcg gcaagtaccc tcaaattcgg 240
gaccagaagt tcgatgagaa ggaaaacat 269

<210> 24772

<211> 272

<212> DNA

<213> Glycine max

<223> Clone ID: 700907340H1

<400> 24772

gagggagaca aaattgaaaa tcaagattgg ttgcgcagag agagattttg aagttgtttc 60
gtgtcgtgtg gcgtttcttg gaattaagtg cttttcttct gcaaccacag tctcatcat 120
caatcaatcg gcatcctcat gtctgacgct tattggagat acgccgccga atcccggcag 180
gccccctctt ccacgcccgg caagcgctct cgttccgact acgatgtttc tggcgttcac 240
gacttgcccc gttactttcc ccatgacgat ga 272

<210> 24773
 <211> 272
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907341H1

<400> 24773

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 cgccttaact tcgtgttcatt ctaatgcatt ttttaattgtt ctacacaaat aaatgttttg 120
 gagttcattt ttggttgatt tgattgcttt gtgtagcaa ttcagggagg aactgttgat 180
 gtggattgac cctgcactgc tctcaatttg ctgccgaagg aaagggttgg gattggttgt 240
 ggcttgtcca agtacacagc gtgctgcacg gg 272

<210> 24774
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907342H1

<400> 24774

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 ataaatagca tttgcatgca ccttagtctt caccaaaata ctctcttgg catcttgtgt 120
 tgtgtccctc ttttaagcta tttccttctc ttaacacaat tggttgtgcc aattgccata 180
 gtcaccaacc aattaacaaa ggtatatata tcatcatatc atcaccaa at gacaaatatt 240
 gggttgtttt ttcttgtggt ggtggcta 268

<210> 24775
 <211> 168
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907343H1

<400> 24775

gtcctgaagc actggatctt attgatcgat tattgacaga agatccta at caaagactag 60
 gatccaaagg ggcatcagag gtaaagcaac atgttttctt caaggatata aactgggaga 120

cacttgccag gcagaaagct gcatttgctc ctgcttctga gagtgctc

168

<210> 24776
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700907344H1

<400> 24776

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ttggcatttt ctggctctgt tgcttgcttc catttgatgt gtacatagag gagcaagctt 120
agctactttc ggcaaatgaa ctgagagacc caaagatagc gagtggtgta tgtttttagaa 180
ctgagactga tagtatatat ctgtgtattg gatttgatcat cttggccttg tgagcgatct 240
tgtcaaatga tgtaggtgat ttattttg 268

<210> 24777
<211> 269
<212> DNA
<213> Glycine max

<223> Clone ID: 700907346H1

<400> 24777

gtctacttca ccaagcactt ttgggtgcag ctttggttaa tttccaatat ggtgtttcct 60
ctcctatcta tctttgcttt actcaatctt gcagtgggtg caacccatgc agaaaccttg 120
ccccctgaag tttactggaa gtcgaagctt cccaccactc caatgccgaa agccattaca 180
gatatccttc acccagattt ggcagaagac aaaagcacct ctgtggccgt aggaaagggg 240
ggcgtaaacg ttaacgcagg gaaaacaaa 269

<210> 24778
<211> 269
<212> DNA
<213> Glycine max

<223> Clone ID: 700907348H1

<400> 24778

ctctaccact ccgattgcat cagccgtgg atagaactca actcgctcgtg tccgctatgc 60

aggtttcggt tggaggaaga agaggaggaa ggtggtgacg ccgatactga cgccgacgcc 120
 gttatgacgg agatcaggag ggagatcatt gcgaggctga cggagctgac ggaggaggat 180
 ttctacgggc tcaggaccac gctcagccac attgcctcgc gccacgcgct. catcgaagag 240
 aaccagaatc atcgcgcgca gattggcga 269

<210> 24779
 <211> 272
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907350H1
 <400> 24779

tctgtccttt caggctttcc ctgatgcttt gtttcaccaa ttgctcctgg cgatggctca 60
 tcctgaccat gaaacacgag ttggagcaca cagcatcttt tctttagtgc ttatgccatc 120
 tccattttct cccagtttag accaaaaaac aaaggggtat cagaaggtag caagcgaaag 180
 cttctccatt cagcatgaaa gctttttagg agcagaacag atcaatggga aacctatgga 240
 aggacaggca gtagttggtg ttagtgggaa at 272

<210> 24780
 <211> 268
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907318H1
 <400> 24780

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 ttgccctaga aaatactata ctagagagac atcgattgcy tgaaacaaga tccgtgaaga 120
 ttgcatcaaa gagagagcat ggagcgtgat tgcagaggaa tcgctccca tgcacactga 180
 cgtccggacg tcaaaggcct gtgagtatcg ggattaccta ccagcttatc atcctcgtaa 240
 tgttgctgaa gcagattccc ccttggtat 268

<210> 24781
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907252H1

<400> 24781

gaaagtgaga ggagagagaa agtagcagat cctccatggc ctccaccaag gaacgtgaac 60
acttcgtcta cgtcgccaag ctgcccgaac aagccgaacg ctatgaagaa atggtggaag 120
caatgaagaa tgtggcgaac taaacgtgga attgacggta gaggagcgga accttctgtc 180
ggttgggtac aagaacgtgg tgggtgcccg tcaggcttcg tggaggattc tttcctcgat 240
tgaacagaaa 250

<210> 24782

<211> 174

<212> DNA

<213> Glycine max

<223> Clone ID: 700907253H1

<400> 24782

cacttcacaa agtttttgtt gctttcaact aatgtgttgg gtgaatcgta ttttcacgcc 60
aaattttctt tcaataaatt agtatagtat ataaatcttt ttgtaactac atgtgtgggt 120
ctatgccact tcttgtgaca gccacgcttt ttaatataat gtcactttgc ttg 174

<210> 24783

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700907255H1

<400> 24783

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gattgcctag tggcacagag cttgaatttt caggcaaatt tgggtgttgt gtcaagaaaa 120
tgaaaccatt agttgttatt ccgaagccta gactatctaa accagaactc tatcaatgat 180
gttgtaatag tgaaatgcat gcttattaca acttatataa taagatttgt tacttgcttc 240
ggctgagtta 250

<210> 24784

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700907257H1

<400> 24784

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gtacggcttt tgattgagga ctatccttat gcttctgatg ggctagagat atgggatgcc 120
atcaagtctt ggggtcatga atatgtctca ttctactaca agtcagatgc agcaattcaa 180
caagatcccg agctccaagc ttggtggaaa gaacttgctc aagtgggtca tggtgatttg 240
aaagataagc ca 252

<210> 24785

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700907258H1

<400> 24785

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tggtccttag atcacttggt ttttggtgag taccctcctt agatgcactc tattctcggg 120
agtcagttgc caagattctc tcctgaggag aagagtctca taaaaggcag catagacttc 180
attggcatca ataactatgg aactctctat gccaaaggact gctccctcac tgcttgctct 240
cttggaacag a 251

<210> 24786

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700907259H1

<400> 24786

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tcttccaagg ttgcttactg gatcaatcct agctcatgag atgatgcatg catggctgcg 120
gcttaaagggt tatcggactc taagtcaaga tggtgaagaa ggtatctgtc aggttttggc 180
tcatatgtgg ttggaatctg aactttcttc tgcatcaggc agcaactttg tatcagcctc 240

atcctcatct gc

252

<210> 24787

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700907261H1

<400> 24787

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atgatgaaca gtatgttttg gagtctcaag ctggagggttc tttcactgtc accagggata 180

aactggtga ggttcttggc aggggtacta agatcactct ctacctcaag gaagatcagc 240

ttgagtacct tg 252

<210> 24788

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700907263H1

<400> 24788

tttcactttg caggcttttc tagaatggaa gaatgcaagt tgagaggaag tgtccgagta 60

tcagaaacag attggggagc agtatcttgc caatgttgag aaggcattgg agagatggca 120

gaatgcaagg aacgcaaggt cagttaacaa tgaccagaat ttacaggaga caatggacaa 180

agagttggat actcataggc tggagcatgg tccaagaaa agaaagatcc ctgacgaaaa 240

caataatgac gacgatg 257

<210> 24789

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700907266H1

<400> 24789

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gcatatgaat gcccatggtc agactaccaa aagttccctc ttcaaattgtg aaactggggtt 120
 tgggtgggcaa tacagcaatg aggtggcatg tgccagtttg aagggtggcc tggaagcaaa 180
 caacgtagtc aagtggcaaa ctgttcctgc agcttgcgga gactacatag ctgactacgt 240
 tctaggagac caa 253

<210> 24790
 <211> 250
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907267H1

<400> 24790
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 tctacttgac tttggttttg cacaacaggg ggatcttgac atatcaagat ttggaggaaa 120
 accaaataca aatataggcc aggttttctt aagtgcctgg actcaagcat gtgcatcacc 180
 aactgctgtc aaaattgtga ttccagctgg cacataccaa atgggtgcag ctgatgtcaa 240
 aggtccttgc 250

<210> 24791
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907270H1

<400> 24791
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 agaatttgaa gttacaacct ccctattggc caactgaact ggtgattact tgtctgtgtt 120
 ttgtaaaaaa caatagtgtg ttggtcttct tctagtttaa aattccctaa gactaaattt 180
 aattgttaaa tgtatcaaaa aaaaaaaaaa aaaaaaaggg ggggccgcca ctagttgacc 240
 cagacgcc 248

<210> 24792
 <211> 250
 <212> DNA
 <213> Glycine max

<210> 24795
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907276H1

<400> 24795

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 tgatgtgctc cgtaattttg ccaagaccca gattgattac atccttggaa ataaccaag 120
 gaatatgagc tatgtttag gttttggtta tcattacca aaacatgttc accatagagg 180
 agcatctata ccgaagaaca agatcaagta tagctgtaag ggtggatgga aatggaggga 240
 cacttctaag c 251

<210> 24796
 <211> 202
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907277H1

<400> 24796

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 tccaacgcca tgctctttc tggaattttc cagataccct catttatgga cataatcact 120
 gacctcgcca tgttcattac tccgctatgg attgcgggta tcgtcggcgt cgctcgtggc 180
 tgggcttgga agcccaattg gg 202

<210> 24797
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907278H1

<400> 24797

ggttggattc agtgtgggga agaggacgaa agtttattac aaggaaagac agtgatgctg 60
 gcgatgcagg taaagcactg gaagaactca gagcttctct ctacaatgag atccgaacat 120
 cagaaggagc caagcgcaa cagcaaagat attgtggacc agtgggtgga ctgtccttca 180

002220.03200

atTTtatggT ttctgttggg attatcatgg caaacaatt ggtgatgggT aaagtTggct 240
tcaactttcc aatt 254

<210> 24798
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700907283H1

<400> 24798

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catcttcaat attctccagt ttactttacc aaatccaggg aatgctgaaa gatgtggttg 120
aaagtaaaga gttccctctc tcaggTtaat gaggtTgtag ctccatctga ggtagcctta 180
ttaatccttg atgagattgg atgtttagat cactgccaac atcaattata tgctcatttg 240
cctgaggTgg c 251

<210> 24799
<211> 78
<212> DNA
<213> Glycine max

<223> Clone ID: 700907290H1

<400> 24799

actgaccga gctcccatgc ctttgttaga ggtaacaaat gcgcaactat ccttccggta 60
ttcactgaca atcccaat 78

<210> 24800
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700907294H1

<400> 24800

gaagaaacca tatcatgggT tcagaaaatt gtatagataa gacgcacttt gtggcggtgc 60
atggggcatg ccatggagca tggTgacggT ataagctcaa gccacgcttg gaatctgctg 120
gccacaaggT cacagtgctt gaccttgCag cttctggagc caacatgaag aaaattgaag 180

atgttgacac tttttcacag tatactgagc ctttgttgtt tctattggac acaattccct 240
 caaatgaaaa ggta 254

<210> 24801
 <211> 108
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907295H1

<400> 24801

gcagtaaccc acgttgtggc tgagatgatg tcgaattgag acaagcatta atttcagcgc 60
 tgaattgaat attgagctga gcagagtatc ggcatagcgt agccatgg 108

<210> 24802
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907309H1

<400> 24802

gccaatggcc atttcaatcc ccagtttctt cttcaacgtc ctcttacgag cagatcgcaa 60
 tgctccttcc cagtgtcaaa ccctaattcc ctcattecca tggcctcaga agagctcact 120
 gtcgcggcgg aaccgctcc cgaacctgcc accgcccagc ctcccccgga agagaaggag 180
 gagcccaaac ctgaagccaa tgctaagaaa accaaggagc ccaaacctga aaaggtttcc 240
 agaccacgc 249

<210> 24803
 <211> 273
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907310H1

<400> 24803

ccaagttcaa ggggctgatg tgagcaaagt gagtaacaac agtgtagat ctcaatcaca 60
 acaccggagc cattctatct ctagctctga tcatcatcac ttagcaaacc ctgcacttgg 120
 atctgtccgt tcgcttgag acaccatttt attgattgtt gccctttgtg cacattctgt 180

gtttgagggc ttagcaattg gagttgctga gaccaaagca aatgcatgga aagccttatg 240
gacaatctgt ctgcacaaga tatttgagc cat 273

<210> 24804
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700907312H1

<400> 24804

gtaatagtcg atggttcttc agattttggt ttgaagccca aaattagttt tagtgatatg 60
gggactgcat catctatggt aactcaatac gacatcgagg aagttcagga acactgcaat 120
aatgtatttt cccagcagga aattgtgtcc ttgtatcaaa ggttttgtca acttgaccgc 180
aatgccaagg gatttatttc cgcagatgag ttcttgtctg ttcccgaatt tgccatgaat 240
ccactttctc agaggctgct aaagatgg 268

<210> 24805
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700907251H1

<400> 24805

ctcaagcgtc aattctccat cgccaatcct ctctttctgc tgatttcgga ctcgtcactt 60
acttgatgaaa tgatgctctc agcggcaata attacttttg gacgctggac ataaggcgtg 120
atgggcgggtt gctgtgttg ttgttgttct gctaaggaga ctgtgttgag cgctccacct 180
gcgtactatt atcagtatcc aagagcatca gaagagcatg ttcctctatc atctcaccag 240
ggtgctgctt ct 252

<210> 24806
<211> 270
<212> DNA
<213> Glycine max

<223> Clone ID: 700907313H1

<400> 24806

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 ttcgttctcc tttttgctct cgttcgaggg ttctttcgtg gggaacactg cagatttcac 120
 caccggggtc ttattcatcc gtgcccattg ccgaagttct cggctttccc ggagttgacg 180
 atttttgccc tatgggatca atatacgcca accccaagga agcaagtttc ttcttgctcc 240
 ttggccctca agttgatgta tactttcttc 270

<210> 24807
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907316H1

<400> 24807

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 caaatggtaa atcattctaa catttcaacc aatctgtact caagttcaag tgcttccatc 120
 tgccgtagc tgcatatcta gttgatcaga gcaatgatga acatcgtgcc ttttgctcctt 180
 agttttcaaa cgagagaagg agactgacct cttgtgttct ttctgcact gggtagaata 240
 caactgggac tattgcattc tcttcttc 268

<210> 24808
 <211> 207
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907202H1

<400> 24808

ggagatcatg gcaacgggag gaattgcaag ttttaaaaac tatgatattg ggaaactacc 60
 ctgaattgag aatttttgtc tttagaaacc cgcttggttat ttgtttttat atatcagtct 120
 ttgtgatgtc atcggctatt tggataataa tcatctttcc tttgttgtgt catccgtatt 180
 atttgatag tactcatttt acctttg 207

<210> 24809
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907203H1

<400> 24809

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 tggacagcta caaacaatt tgatcatgtc tagggagatc ttatagtaac tttctcaacg 120
 cttggaccaa aatgtttcat gtgtaatgat gtgatgctgt atgctgactg ctgtttctct 180
 tctaggtact cttgtctttc tgtattgtgt gtgggggtac ttttttgcac gatagcaaaa 240
 aaaaaaagg tgtc 254

<210> 24810

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700907204H1

<400> 24810

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 gaaggttcaa gtaatcgata ttcaaagtga aaagaatagt tgatgaatat cttcaagtct 120
 ttggtgctgt gttattaaat gatactcagt gataaccaca attagaaaat tgggaagtcag 180
 ctgcagtaag gtgacctttc tattcatttt atagaaaaga aaagaacaga gtgggggagag 240
 aagtgatgat atat 254

<210> 24811

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700907206H1

<400> 24811

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 atggaaactg tggaggggga ccagcccaac tatgactgga ttgttcaact tatgggggag 120
 gttagggatg aaatttgtga gatggctcca aaaagctgga aggaggatat ttttgctgcc 180
 atcgatttag aaattctttc acaggtgctg aaatcagttt gcagaagctc tcagctccag 240
 cgaatga 247

<210> 24812
 <211> 251
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907208H1

 <400> 24812

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 cgcgacgatg ggggtccatcc ccgatccagg cgagttgagc gagttgactc agccgagctt 120
 cgacgagttc cagcgccaaa cctctctcat gaccagctgc accctcctct ggaaggagct 180
 ctccgaccac ttctctctcc tcgagcaaga cctcaaccac aaatccgaag ccctcaagcg 240
 caagattcac a 251

<210> 24813
 <211> 254
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907209H1

 <400> 24813

 attttgtgaa tgtgtttttt tccttccttt atattgcac aaggtcccat ttacgcctta 60
 ctgcttatat gtttcagttc ttctgttatt catgatactg aactctcacc agatgtcccc 120
 aaactttctg ctctggctgg tgcttggtgt tttcttgatg gcaacaatgt tgaggatgta 180
 tgcaacatgt caacagcttc aagcacaggc ccaagctcat gcagctgcag ccagtggcat 240
 tcttgccac acag 254

<210> 24814
 <211> 254
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <223> Clone ID: 700907210H1

 <400> 24814

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 atttgactct tactttatta tttgatttgc cggcaccctc ttcttcacgg gttttcttct 120

cactctactt catgttcacg cttttctgtt ccaccacat gtgcatgcc tntgtttatc 180
 caagattgag tctttaccct atttgcttat tttccaggag ctgaaaaaaa atgggagaaa 240
 gtgctttgtt ctct 254

<210> 24815
 <211> 251
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907211H1
 <400> 24815

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 tttgatgaag ctcttttctg attataagga tgcttttgtt tcaaagcatg gagtcaaatt 120
 ggggcttatg tctggctttg tgaaagctgc tgtaaatgca ctccaacatc agccgattgt 180
 caatgcagtc attgatggtg atgatattat atacagagat tatatagata tcagcatagc 240
 tgttggtact t 251

<210> 24816
 <211> 256
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907212H1
 <400> 24816

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 ggaagatgga agaggaagag cacgaggtgt acggaggaga gatccctgac gagggagaga 120
 tggaaggaga cattgacatg tccgccgccg acgatgacgc cgccgtcaag gagctcgacg 180
 agatgaagcg ccgattgaag gaaatggaag aggaagccgc agcgcttcgc gagatgcaag 240
 ccaaggtcga taagga 256

<210> 24817
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907213H1

<400> 24817

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 aacaatttca tcaccaacac gaagaacaag attagcggtta tgggtctctt cttttctagg 120
 aatttggtt gcaaattcat ataccctttt cttttttcca ataaggtttc aaaggatttg 180
 ttccccaagc agttggagaa catgatgtct ctggtctctc ctgtactgg caggcatttg 240
 cagcgctatg acaaagg 257

<210> 24818

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700907217H1

<400> 24818

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 tgcaatggat ggtcaacaaa gtgtttcttt gttggcagag tgttctagtt ccctgatgt 120
 cagcactaga cgggcttttag cgaatgcatt ggcagcagca ccatccatgt ggactcttgg 180
 aaatgcaggg atgggggcat tacagagact ggcagcagat agcaaccag ccattgctgc 240
 cgcagcatcc aaagct 256

<210> 24819

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700907218H1

<400> 24819

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 tctggccaag tccatttggg atgaggggtca ggattgcact tgctgaaaag ggtaccaa 120
 atgagtacaa agaagaggac ttgaggaaca agagtcctct tctcctcaa atgaaccgg 180
 ttcacaagaa gattccggtt ctcattccaca atggcaaacc catttgtaaa tccctcattg 240
 ctgttcagta cattg 255

<210> 24820
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907220H1

<400> 24820

attctctttc agtttttggc attgaagaat ctgagatcgg aaaattcacc tctccaaccc 60
 ccaatcccat cggtgcaaat gatccgattc attctgttgc agaacaggca gggcaagacc 120
 cgtcttgcca aatactacgt tcctctcgag gattccgaga agcacaaggt ggaatacgag 180
 gttcaccgcc tcgtcgtaaa cagagaccct aaatacacia atttcgtcga gtttcgtacg 240
 cacaagataa tat 253

<210> 24821
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907221H1

<400> 24821

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 aatggatcca tgaagatcta aaaccatgga agagtaaagg aatcacaaga gacatggttg 120
 aaagaggcaa aaacgtttcc catttttaggc ttgtaattgt aaatggaaaa gcttatgttg 180
 aaaagtatga caaagtgtat cagacaagag atgtgttcac aatatgggga attttacaac 240
 ttctaagggtt atac 254

<210> 24822
 <211> 109
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907222H1

<400> 24822

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 aacacaatcc atattcccaa gtcaaacatc agctgcaccc tgtaagggc 109

<210> 24823
 <211> 255
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907223H1

 <400> 24823

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 tgtgagtgga aggccattct cgcaacgttt gagttcagca gatccagaat ttttcagaaa 120
 acaggtttag gagaatgaag aatacggaac gaattgccaa tttggcttta gcaggtttaa 180
 ccttagcgcc tcttgttgtg aaagtagatc cgaatttaaa tgttattttg actgcttccc 240
 tcactgtgtt tgtgg 255

<210> 24824
 <211> 107
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907224H1

 <400> 24824

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 ttgagcaatt cccttgact tttatttcac tccatgatca tcagcca 107

<210> 24825
 <211> 253
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907226H1

 <400> 24825

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 tatgctcctt ctgtttcggc cacaactgaa atttcacgga atgaagtga cacagatggg 180
 aaggtgataa atgaagagtt agcacacca agtctaaaag gacatgatga agaagcaaag 240
 ttcaaaggat ttt 253

095413-03200

<210> 24826
 <211> 255
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907228H1

 <400> 24826

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 agcatgaact tagctcttta ttcagtgtta ttttgtgttc acgcagtctt tgcagcaagt 120
 tctaattgggc atggacacaa atcacaagac tggttaaacc atggtggaga tatgttcaac 180
 agaagatatg cttacaaaga gcataagatc agcccaaaaa cagcaccgaa cctacgtttg 240
 aagtggaaat tcaat 255

<210> 24827
 <211> 257
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907229H1

 <400> 24827

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 tagaatgaca cacaagtcatt tttccattgc tctagtgaact ctcatgtctg ttctctttgt 120
 caacatgaac atccaagggtg ccaactgctga ctatggtagt tggcagagtg ctcatgccac 180
 tttttatggc ggggggtgatg cttctggcac aatgggtgga gcatgtgggt atggaaattt 240
 gtatagccag ggctatg 257

<210> 24828
 <211> 262
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907231H1

 <400> 24828

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 cctgggcccc ctcggcgac ctctctcccg gtcaactcgc ccgtgactca ccgcagagct 120
 gccccgcccc tgaccccaac ctctaactaca agccagtcac cggaatcgtc agccatcccc 180

gcgacggcgc ctccggccgc ctcagcaacg ccaccggcgc ctctacatc gccgcctcct 240
atgtcaaatt cgttgaggcc gc 262

<210> 24829
<211> 105
<212> DNA
<213> Glycine max

<223> Clone ID: 700907238H1

<400> 24829

ctcgagccgc aaaagtcaag cgaagagtga cttatgtatc aatagtagtc tagctttctc 60
agaatttgaa gttacaacct ccctattggc caactgaact ggtga 105

<210> 24830
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700907239H1

<400> 24830

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ccccagtcac aatgagccta atacaccaca tgcaattcct actgaaatca atagtggatt 120
agacaatgag aatagggata atgaaaagca ggctgttggt gcacatgcag ataattggaca 180
ttcgatctca aagaacttgt acttttttga ccctgatgat tcatataatg gtaattgagtc 240
aggaacagaa g 251

<210> 24831
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700907242H1

<400> 24831

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agatcaatga gagagatcgt ggaagccctg cttatcttag attgcgccag aaaactgtca 120
attcccttgg tgatctagtc cccttcagca acaagttgta ttctggcatg tttgcaaaag 180

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700907142H1
 <400> 24838

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 aaaagccacc atcaccggag gaacttaggg aaatggcacg ggagatggct cgtaaaagga 180
 acagttcttg atgctccacg tgattgtttt ggctgcacca cagtggttgt gtaacagtat 240
 cac 243

<210> 24839
 <211> 242
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907143H1
 <400> 24839

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 atggagggaa ttgaaggaaa tagcagcaga tacagtctga aaccctcgcg aatttgcaac 120
 gaagatgttc tgatctgcgt cgacgtcgat cctcagtgcc tcgtcgaaat gaaaggtgcc 180
 accggtccca atggcagacc cctcaccggt ttggactcca tcaaacaagc catcgttctc 240
 tt 242

<210> 24840
 <211> 237
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907146H1
 <400> 24840

ggaaggtggt gatatgacat atttgaaaaa tgttatctta aagctgcttg agactggtga 60
 agttgaggta ttgctaccag ttattggaat gctgcttcag tttagtccag aagagataca 120
 gaagtgtcaa caggcgtatc acaactccac agatgttcca ccaccaaata ctgcaagcga 180
 tacttcagga tctggcctat cgcttttctc aagattcaca ttttcttaat ggcataa 237

<210> 24841
 <211> 117
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907147H1

<400> 24841

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 aatacctcta cgagagcatg agtaattttt gcttaactaa taagttgtat aatattg 117

<210> 24842
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907149H1

<400> 24842

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 atgccaacgt ggacgattac ttagggtttt tctgcgcact aaactactcg tcatttcaaa 180
 tcaagcttgc tgcgaggagg gactatacgt gtgaccogaa gaaggattac agagtggagg 240
 attttaat 248

<210> 24843
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907150H1

<400> 24843

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 gctgagatcc aatcacaatc attcattttc attcataccg ttcgcaacac gatcactatt 120
 tctgcgacga tgggtggcaca ttcgagttct tggggcaggg cactcgtggc catctcgccc 180
 tataccttct ctgccatcgg catcgccgctc gctatcgggc tctccgttct cggcgccgcc 240
 tgggggat 248

<210> 24844
 <211> 240
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907159H1

<400> 24844

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 acatataatt taatataagc ttccatctcc tatttttatt accactacca taaagttccc 120
 atctacttaa tttcatgaag gccgcaccta agtgctgata caaaattcaa tttgggggta 180
 ttgcttgat tggtgataat ttatgtcatc atctattgct gttgttatgg tatgtatacc 240

<210> 24845
 <211> 241
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907160H1

<400> 24845

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 tttcttatga atatcattcc aaccagtgcc aacaattcgg ttcaagacca cctcaagca 120
 ccatccaaac ctgttatttg tgatctacca ttggctagga aagcttcact tcatcggttc 180
 ttggagaaaa gaaaggatag aattgctgcc agagcaccat atcaaacaag caatcacatg 240
 g 241

<210> 24846
 <211> 75
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907161H1

<400> 24846

gcagagaaaa agcatatggt ctcccgtcac agatccaaga agtggtttca accgggaatc 60
 cagaactttc cacag 75

<210> 24847
 <211> 242
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907168H1

 <400> 24847

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 gtgatcaaca tcctaggtgc aagtacattg ctaaacatt atacggtaca gaggaggaag 120
 aggatgcatc tcagccaaac agtagagtag aggaaccaa actcctaggt gttactagt 180
 gttcatatga gaaggttctt ttgaaaagtg ggccttatgg agtttatgtt cagctcggag 240
 aa 242

<210> 24848
 <211> 243
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907169H1

 <400> 24848

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 tgttcggttg aattatcttc tagaaaggga ggaagcaac tgggatgcga atttaaaatg 120
 ggaagacatt ctttctcttg gagaacagca aagattggtg atggtatgta aatatattct 180
 cttgaaattt tagacatttt tttttaaatt tcttaaatat ttttgtttca tgcagcatgc 240
 ccc 243

<210> 24849
 <211> 245
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907170H1

 <400> 24849

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 gctaatagaa aatgttgact ttgctgatgc ccagttcaag aaattcctct gtgatggatt 120
 cgaaacagga aactttggaa atttactga agagaactca agccaagtaa tattcatatt 180

gacaaatggt ggaagtggat ccactaacat tgagcagcag aatgaggact cggttatgag 240
gttgt 245

<210> 24850
<211> 74
<212> DNA
<213> Glycine max

<223> Clone ID: 700907171H1

<400> 24850

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gtctctaact ctcg 74

<210> 24851
<211> 240
<212> DNA
<213> Glycine max

<223> Clone ID: 700907174H1

<400> 24851

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cacaggcaaa atctccgtaa acctaatttg gtacggtaag ttcaaactt ctcaaaaagc 120
cattgttgct gatttcatt cctctctctc ctcttccaaa cccctcaccg cccaaccatc 180
cgttgccacg tgggtgaaag ccaccgacaa atactacaaa aactcgttcc ccaaacttgc 240

<210> 24852
<211> 238
<212> DNA
<213> Glycine max

<223> Clone ID: 700907175H1

<400> 24852

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atattgaact tgggtggttc taagtagaaa caaaaattgt cattttccca tttctgcatt 120
tttggttttg gagaggagaa accaagaatt aagaatggg ttgctccgta agagtttgtt 180
gtgtcttatt tttggtgttg ttggtggcat gtgttagagg ggaggaccct tatagatt 238

ttgtaaccat gcggtcagtg acaaggcgcg tagctggaac tggaagtgtc aaaccc 236

<210> 24856
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907183H1

<400> 24856

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 attaaggaaa tactcagctc ttgaagctct gaatattaac agagcatcat cggcagatgg 120
 ggtctgaagg tcctccagca gctgtgacag ttcattgtaac aggttttaag aaattccatg 180
 gagtttctga gaatccaacg gagacaattg tcaataattt gacggaatat ttgaagaaga 240
 aggggttt 247

<210> 24857
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907184H1

<400> 24857

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 aggcgacatg gcgttcaacg ccggcgggcg agccgatatc ctgggtcccc ggccacatgg 120
 ccgccgctac acgtgccatc cggcaccgcc tcaaaactgc tgacctcgtc atcgaagtgc 180
 gcgacgctcg cattccccctc tcctccgcca acgccgacct cccgccacac ctctccgcta 240
 aacgacgc 248

<210> 24858
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907185H1

<400> 24858

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cacagtgtca ctctgtctct ctttttcttc tcacactcac gcctcacgca gttcctaagt 120
ccctagccag tacaacctca ctcactttct ctctttgtct ctctttctct cagattccta 180
cattgtctgc gcactggcac caatcaacca taagatgtgc accgtcgctg aaatcggcct 240
caacga 246

<210> 24859
<211> 106
<212> DNA
<213> Glycine max
<223> Clone ID: 700907187H1
<400> 24859

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catggcctct tgcgacgacg acgacgactt ctctctcttc cgcgat 106

<210> 24860
<211> 248
<212> DNA
<213> Glycine max
<223> Clone ID: 700907134H1
<400> 24860

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ctccgtcgcc tccaaggctc caaggatcgg aatctctcct cgtgatgcta aggatgagtc 120
gatgatgaag tggtttgagg tgccgggggt caacatcatt cacgcgataa acgcgtggga 180
ggaggacgag ggaagaacgg tgggtgctggg ggcgcgaat attctttcga tggagcacgc 240
gctggaga 248

<210> 24861
<211> 117
<212> DNA
<213> Glycine max
<223> Clone ID: 700907191H1
<400> 24861

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ttacctcgta gtagtaaaaa gagtacaaca atgtgacgta.tttttattta taaaaga 117

<210> 24862
<211> 237
<212> DNA
<213> Glycine max

<223> Clone ID: 700907193H1

<400> 24862

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ataactggct tgtggcagcc aagcgttcat agcgacgttg ctttttgatc cttcgatgtc 120
ggctcttctc atcattgtga agcagaattc accaagtgtt ggattgttca cccaccaata 180
gggaacgtga gctgggttta gaccgtcgtg agacaggtta gttttaccct actgatg 237

<210> 24863
<211> 234
<212> DNA
<213> Glycine max

<223> Clone ID: 700907194H1

<400> 24863

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actctccctt tttccgatcc ttctcagcc agaagggagg ctctccgat aagaggaaaa 120
cggatgaaca gaagccaaaa gagcagaaac ccaaagccag cgagaacaaa cctataatga 180
cagagtgaca acaaatttgc tgcattcagt tgtagaatga taataggtgg taga 234

<210> 24864
<211> 233
<212> DNA
<213> Glycine max

<223> Clone ID: 700907196H1

<400> 24864

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cagtttgcag attggtgtaa tgatgaagca ttttgacctg ggggtggttt cacttgtgcg 120
caaaaggttt tcatcattac ttcttttctg tttctctctt tttctctgat caagttatga 180

tggtgttttt gttgtcaggg tgtaactacc tttttcttcc ttcattcatta gcc 233

<210> 24865
 <211> 161
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907083H1

<400> 24865

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tcggaatctg aaatcggaat ttggaagcag aagaatagtc ttcagagaag ggtaaaatcg 120

atgagtagga acgattccaa gtacttctcc acacaacata c 161

<210> 24866
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907084H1

<400> 24866

aagaggggca gctagaatca gagacctttt caatgcagca aggaaatttg caccatcaat 60

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acgtgaccag acgttaaadc agttgctgac agaaatggat ggatttgaat ccgagatgag 180

agtgggtgtca ttgcagcaac taaccggcca gaagccttgg atccagctct atgtcgccct 240

ggtcgtttct caagaaaa 258

<210> 24867
 <211> 260
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700907085H1

<400> 24867

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tgactctaaa gaactatatg agtttgacaa ggaagagtat gcaaagaaag ggagctacag 180
aattgacaca ctccaacatt aataantctt gacaaggcat gtgtgaaaac agattcgaac 240
actagtccat ggacgctatg 260

<210> 24868
<211> 78
<212> DNA
<213> Glycine max
<223> Clone ID: 700907086H1
<400> 24868

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tgatccactt ctgagaaa 78

<210> 24869
<211> 189
<212> DNA
<213> Glycine max
<223> Clone ID: 700907087H1
<400> 24869

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ttgggtcctt aagctgttcc ttctctgttt ctgctttgga gcatcttgga gcaaatgagc 120
aatggagctt gtggagcacg gctcacctca aggattgctc tcttgacaaa ctgtataact 180
ccaccaaca 189

<210> 24870
<211> 214
<212> DNA
<213> Glycine max
<223> Clone ID: 700907088H1
<400> 24870

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aagaacttgg gtcagagtcc acgttgccat agatacactc ctgagctcaa cggggaaaga 120
ttgctcgtgg gtgccaactt agtctctgct ggcttggaat cctcatgaca tggagtccat 180

ttgaaacaca tagaatccaa gacaactgga tatt

214

<210> 24871.
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700907089H1

<400> 24871

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cgctgcattg tttggtgatg gagaagataa ccacaatgat tctgaagccg ccaattgaaa 180
aattggctca acaaaagtcc attgtctaaa aattggtggt ttggtggggg gtttaagtgg 240
ataactccta atagtaaga 259

<210> 24872
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700907090H1

<400> 24872

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ggccattacc atctggtctt ttggaaaatg agtggggaac tttgttaaga agacccttta 120
taagagttcc agaaaatgga accattgagc tctcaaactc aattccaaat ctctactcag 180
aacactgatg agaatgcttt tgaaacccca gctgattaac aataatggag cttttttatc 240
tgccatgcaa caagaat 257

<210> 24873
<211> 196
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700907091H1

<400> 24873

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tttggcagtg aaggtggtat ggcgaaggac gttgaggttg ctgagcgtgg ctctttctct 120
 gggaaggact accaggaccc tccacacgac atactatata atgctnatga gctcaciaag 180
 tggtccttta cagggc 196

<210> 24874
 <211> 255
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907092H1
 <400> 24874

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 ccacctacac catcttcacc gtcatatcc tctccttgcc aatattattc actctcacac 120
 cccacaaggc caacggtgcc acgtgtcacc ctgaggaaga agcgggcctg ttgggcttca 180
 aatcggtatc cgatccgacc cgtccggcct gctcagtaac tggatatcgg gtacggactg 240
 ctgcacatgg accgg 255

<210> 24875
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907093H1
 <400> 24875

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 ggcaaaccac ctgagcgggt tttagcatca tcacctgcct cttctcaatc agtgctgaag 120
 ttgaaaaaag atgcatgac aaggcattct gagggcacgg acttcagaga ttggtgtgag 180
 aatgagtgcg ttaggcttat tgggacaaaa gatacaagtt tccttgaatt ttgcttgaag 240
 caatctagat cagaagct 258

<210> 24876
 <211> 111
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907094H1

<400> 24876

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caattttgtg gagcatcggc aatgtccata gcgtacgagt atgttccct c 111

<210> 24877

<211> 259

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700907096H1

<400> 24877

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cagattggcc tgagccatt gtccgggttc agtcctaate cgaaaactgc gaagattcaa 120

tcctgaatg gcacatcaag ctttctactg atagaccatc cttaaaaagt tgtaattttg 180

atgatgctat attccaatca tcgaccttgg tggactatct ggtgctgacc ancatgtctc 240

agcctcaatt cgtagcaa 259

<210> 24878

<211> 109

<212> DNA

<213> Glycine max

<223> Clone ID: 700907102H1

<400> 24878

gatcaatatg gcggaagg atcaagtctc ctactgtggg aaaattatct cctacagtta 60

gatgtatcaa tttttaaatc aatggctcat ttttttcttt cttttttct 109

<210> 24879

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700907105H1

<400> 24879

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ttcagactgt gaaactgcga atggctcatt aaatcagtta tagtttggtt gatggtatct 120
 actactcgga taaccgtagt aattctagag ctaatacgtg ccacaaaccc cgacttctgg 180
 aagggatgca tttattagat aaaagggtcaa cacaggctct gcctgatgct ttgatgattc 240
 atgata 246

<210> 24880
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907109H1

<400> 24880

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 ggaaggatat ctaggagtat cccaacctct gctgttaact tggtgccatt taacttgcaa 180
 aaagctcaac cttcatttgc tcaatatgat gctacgttta atcagttagg tcagatgtca 240
 caaact 246

<210> 24881
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907112H1

<400> 24881

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 aaaataaatc ataacaccgt tcgttcatca atggcggttc cgctgcattc ctagattgct 180
 ctctttttca ccaattttca ttcgttgctg gtgtttgttc gctgagtgcg ttagttatta 240
 ca 242

<210> 24882
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907113H1

<400> 24882

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 accctTTgag gaacctctga TTgTTTcagt ggaaaatcga gTTggtccca acaaagacga 180
 gaccattgga gctgTTatta TTcctgtaga ccaaactgac aagcgagatg atgatagact 240
 tatccacac 249

<210> 24883

<211> 238

<212> DNA

<213> Glycine max

<223> Clone ID: 700907116H1

<400> 24883

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 ttagagTTtag ctactgcggg Tggtgggggc aacctTggtg TTggtggtgg attatcaggt 180
 gctggtcgtg gtggctccc TCgtggtcgt ggaggcttcc ctggtggtgc gtattttc 238

<210> 24884

<211> 247

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<213> Glycine max

<223> Clone ID: 700907117H1

<400> 24884

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 ggggcattga agatgagaac atatctgagt ggtatgcctg agtgtaaact Tggattaaat 180
 gatagagtat tattagaggc acaaggtaga acaaccaagg gaaaatcaat tgactTggaa 240
 gacatca 247

<210> 24885

[illegible]

<400> 24885

<210>	24886
<211>	249
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<213>	Glycine max

<400> 24886

<210>	24887
<211>	243
<212>	DNA
<213>	Glycine max

<400> 24887

10266

ggcaagtttg gcccttttgc ccaacatgat actgtatttg atggggacct acaggcttca 240
cct 243

<210> 24888
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700907082H1

<400> 24888

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gcatatgaat gccatggctc agactaccag aagttccctc tccaaatgaa aactggggtt 120
gggtgggcaat acagcaatga ggtggcatgt gccagttgga ggcttggcgt ggaagcaaac 180
aacgtgtcaa gtggcaaact gttcctgcag cttgcggaga gtacatagct gactacgttc 240
taggagacca atatagatc 259

<210> 24889
<211> 241
<212> DNA
<213> Glycine max

<223> Clone ID: 700907126H1

<400> 24889

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aaaccttctc aaaggataag ttgtttggat gctcttcgac acccattcct ttgtgggcca 120
agatggcgag tagtcccatc aatggatatt atccgatggg gtctgggttc tactgcaatg 180
cgtattaggg agaagtacat ctatcgtcag cctcagcaaa gcaggcttgc ccacttcatt 240
g 241

<210> 24890
<211> 241
<212> DNA
<213> Glycine max

<223> Clone ID: 700907129H1

<400> 24890

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 ggtagtgggcg gttttatgat gctgacgcct aagtccggcg gttttcctgt ggaagtcaac 120
 acccaaaagc tgaaacgcac tgacagcaga caaacggggcg tgttctctgt ggaaagggtc 180
 atcacatact cgggtggttg tatgcagcga ctcccttcat tgaagataac taaggtaatc 240
 a 241

<210> 24891
 <211> 241
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700907130H1

<400> 24891
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 ctcagctcac tccttccttc atcttcctcc acctcttctg ccaaagggtc tttaagaaaa 120
 gcatcattag aagtgtgaca caaacatggg ccatgctccc aactgaataa tcatgatggc 180
 aaagcaaagt ctaaaacacc acacagtctg atcacaannc aagacaaaga aagggttaag 240
 t 241

<210> 24892
 <211> 239
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907131H1

<400> 24892
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 ttgttacat taatgcaata gtgtgtgaaa gtagagtggc gagaaaggac cttggattgg 180
 accttggtgg ggtgggaatt ggggtgggtg ctgggggttg actaggcctt ggtgggtggg 239

<210> 24893
 <211> 109
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907133H1

<400> 24893

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cagacagaag attttgcttc atcatctcaa cctttcatca tccacacaa 109

<210> 24894

<211> 258

<212> DNA

<213> Glycine max

<223> Clone ID: 700907045H1

<400> 24894

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ccctatctct gaaccagcaa acatgtctgc agccatggat atgtcgctcg acgacataat 120
caagaacaac aaaaagtctg gatccggaag ttcacgtggc cggacccgac cctccggatc 180
cggacctact gccggctccc caaccgtgcc gccaaaccgc cgcacctta tgcccccgct 240
aaggcgccgg aggcaacg 258

<210> 24895

<211> 202

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700907046H1

<400> 24895

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atattttctta tatatcctat ggtccgagag tgcccttggt ctgcgccaac ccttttcttc 120
acataacata cgaatttaac ntntctctctt gagtncctt atcantcatt actcttcttc 180
ttcaacctca ccaaattcaa cc 202

<210> 24896

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700907047H1

<400> 24896

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tcatgtggcg ccatccccac ccgtcaaagt caaagcacag gaaattcggg tatgcaccaa 120
ccgcacctgc cgcagacagg gctcatttca aaccctagaa actctatctg gccctgctcc 180
tccaaacgtc gcgtgaagtc ctgcgggtgc ttggggcggt gcggtggcgg tcccaatctg 240
gtggtcctgc ctgatggcct catcg 265

<210> 24897

<211> 84

<212> DNA

<213> Glycine max

<223> Clone ID: 700907049H1

<400> 24897

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catgatccgc tagcactaat tgga 84

<210> 24898

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700907050H1

<400> 24898

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acgaaacgct gtcgttgagg cactcgcggc gttggttcta ctgcggcgga gtgtggcggt 120
ggatgctcag gagaactcgg acgtgaagac gctggtgaag tacaagcag ggaagaagta 180
ctgcgacaag gatgggaatg taagggctgg tcaatttact gttgtaacct caccattacc 240
gattatttcc agacctacca 260

<210> 24899

<211> 263

<212> DNA

<213> Glycine max

<223> } unsure at all n locations
<223> } Clone ID: 700907051H1

<400> 24899

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tcatacatat atacatctcc cttactttgc ttcttcatct ctctctctct ctttctcaat 120
attcaccagc acagcgcctc tcanacatca atcaatcaat gaaatcgtgt ttaatgcctt 180
tgcttctcct ctttctgtgt gtatgtaaaa tctttgtttt tatcagaggt ggtgcagaat 240
gttgtgtctc agatccctat ata 263

<210> 24900

<211> 79

<212> DNA

<213> Glycine max

<223> Clone ID: 700907052H1

<400> 24900

gcaacttgca acaaaccatg ctactcacgt gtgaccacca tcccttcctt cattcacttt 60
cttcaacctc aaccgactc 79

<210> 24901

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700907053H1

<400> 24901

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ggaattgggg tgggtgctgg ggttggacta ggccttggtg gtgggggtgg tgctggttct 180
ggtgcagggc aggctctggc tctggctctg gctcttcgct atattcaagt tctggctcct 240
cttcttcttc atcagggtca gg 262

<210> 24902

<211> 264

<212> DNA

<213> Glycine max

<223> . Clone ID: 700907054H1

<400> 24902

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 .caaagttttt aatagagggt aagtctcaaa aaatcgaaga attacagacg aatacgcaaa 120
 aaaactgaat tgtgtgaatc gaaaacaaaa cattgctatt gtaaaagttg caaatgctta 180
 taagcaccca atattattgg agaatttata gctggacaat taaagaatag agtttcgttt 240
 cgtaaagcaa tgaaaaaagc tatt 264

<210> 24903

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700907055H1

<400> 24903

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 ttgaagtatc tcctaggctc gctgatgaca ctgagggaac cattgaagct gcaaaatggc 180
 ttcataaagg gttgatcgcc ccaatgtgta tattaagatt cctgctacag aggcatgtgt 240
 gccttcaatt aaggaagtta ttgc 264

<210> 24904

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700907056H1

<400> 24904

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 gggaattttc aaggagaagt tgggttaaagc acccaaagag ctgaacagtc cagcttcggt 180
 gaattcatga ctaagcctaa gctaagtcac gaaatccttc aggatttcat gtcctgcaat 240
 tctccaatg cttttctc 257

0953113-03200

<210> 24905
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700907057H1

<400> 24905

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cgtatattta agttgttgca gttaaaaagc tcgtagttgg accttggggtt gggtcgatcg 120
gtccgcctcc ggtgtgcacc ggtcggctcg tcccttctgc cggcgatgcg ctctgtcct 180
taactggccg gtcgtgcctc cggtgctgtt actttgaaga aattagagtg ctcaaagcaa 240
gcctacgctc tgtatacatt ag 262

<210> 24906
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700907058H1

<400> 24906

gatccgagga gttacccttt cttttctttt ttcttttttc tctttcctca ttctacttaa 60
aactcccacc agtgatggca ggtttggtc cagaggggaac acaattcgat ggtcgccaat 120
atgatgctaa gatgagtga ttgctttcca ctgatgggca agaactcttc acctcttatg 180
atgaagtgat gacagctttg atgcaatggg attgcaagag aatcttctgc gaggcataata 240
tgcttatggg tttgagaggc c 261

<210> 24907
<211> 79
<212> DNA
<213> Glycine max

<223> Clone ID: 700907059H1

<400> 24907

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ccccttcgct cttccacac 79

002220"EFFE560

<210> 24908
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700907060H1

<400> 24908

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atcatcatca tatctgtctc tagcaatatt tcgttatctg cttgtctgca actctccgtg 120
ttggatttcg ttttataatt gtgcactatt atttcaataa cccgcagata tttctgattc 180
tcaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 240
aaaaaaaaag agggaaaaa 258

<210> 24909
<211> 83
<212> DNA
<213> Glycine max

<223> Clone ID: 700907061H1

<400> 24909

gaaaaaggcg tgtagtagga tgaagttata gtttttcctc ctccagagca aagcatggcc 60
ctcagcatcc tttaccggag tct 83

<210> 24910
<211> 177
<212> DNA
<213> Glycine max

<223> Clone ID: 700907063H1

<400> 24910

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acagggtccat gttgtttatt cggctggaac ataggcaaga atagagttaa tggcaaact 120
cagattaagt accatgatat tgatcttaca ttcccaactt ctctggtcga caaaaca 177

<210> 24911
<211> 240

<212> DNA
 <213> Glycine max

<223> Clone ID: 700907066H1

<400> 24911

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 tgttggtttt cttagtgtga gagaaccctg aatagtatta ttgaaatatt acgaattcag 120
 tttgatcctg gaagggaaat ctgcctaaa aaaaaaaaaa aaaaaaaaaa aaaagggggg 180
 gcccccaaat gtgacccttt accccggggg atatattccg gaggggtact ttgggggggaa 240

<210> 24912
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907067H1

<400> 24912

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 cccacaatct tggatgattc tctttctgct gattcatatc tcaacatctt atacatgcca 180
 tcaacattcc ccgttcagag aggtctagac gatcacaagt gtctgcaa ataatattctg 240
 tgtatagtcg agattttgaa 260

<210> 24913
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907068H1

<400> 24913

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 gtcttaagga tcctattgtc actctctttg gaagtttgca cgagaatact ctccctgaga 120
 gtggagggtc acgcagtatg ctacttcata atgccaacag tatcttttagc cttggagaga 180
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 tgctgggggag aaggataggg 260

<210> 24914
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907069H1

<400> 24914

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 tctcggtatc tcaacattcc aagctgctcg atgcaattgg catataaaac caaggtttca 180
 tcttcattgc ccacgttttc aactggaaa agattgaatc ttttctactt ctctgcaaaa 240
 aactacatct tggtaataa ct 262

<210> 24915
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907070H1

<400> 24915

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 tcgacaaaaa cggcgtgcc ttgccaaca tcgccgtcaa cgccggcgac gtcaagttcc 120
 gagcctccgt aacggaagcc actttcatta acggccccag cctcaccggc ttggccctcg 180
 ctgtcgaaaa cccggttcct tcatcgatga ctacaacgtt cccaaaaagg actttcgggtt 240
 tcactttatg aacacggtta gg 262

<210> 24916
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907071H1

<400> 24916

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 gagagcgagc gatgacggta gcagcaggaa tgggttacgc tctgctagcg ttaggaccct 120

ctctctccat cttcgtttct gtcatttcca aaaaaccctt cctcattctc accgttctct 180
 ccagcaactg ctgtggctta taagtttgat tgtgctgtct ggaatatgga gggggggttt 240
 gcctctcaac acaacagctt 260

<210> 24917
 <211> 81
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907072H1
 <400> 24917

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 tccttaattg gcagaccagc t 81

<210> 24918
 <211> 260
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907074H1
 <400> 24918

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 gttggagaaa ccggttcaga tcctcaccgc cggatcgccg cctcctgcgg cggtgctctt 120
 cagaacagag gctttgggggt ttgtcgtgag tcacgggtat ggtttgactg agaccggaga 180
 attggtgtgt catgcgcgtg gaagggggag tggaacaagt tgccggcgac ggagagcgct 240
 cggctgaagg cgaggcaagg 260

<210> 24919
 <211> 249
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907075H1
 <400> 24919

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atgtccaagt cttgcaaagg gttggccatg gagctagtaa agtgtctcag tgaactgatt 180
 gtgtaaaggt tgagaagaga tcatataagg aatgcgttgg agagaagagt ccatgcatac 240
 caagtgagt 249

<210> 24920
 <211> 259
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907077H1
 <400> 24920

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 agtgcattggt tcttgacaat gaagcactct atgacatttg cttcaggacc ttaaaactca 120
 ccactcctag ttttggtgat ctgaaccacc tgatatctgc aacaatgagt ggagtgcct 180
 gttgctgagg ttccctggac aactgaactc cgacctgagg aagctagcag tgaacctgat 240
 cccattccca cgtctccac 259

<210> 24921
 <211> 147
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907081H1
 <400> 24921

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 tgaaaattat gtacaccagc cttctaattc taattatgac agacaagcat tttctgctgc 120
 tgatggggga tttattgatc ttacaat 147

<210> 24922
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907044H1
 <400> 24922

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ttgttctatt tctcattctt tcgcaagtga atgttgaact gactctgcgg ttcggttcgg 120
 tttttttttt tttctgttta tggatccggg ctctatgata aacgaggggt ccttcgcgaa 180
 aaatgcgagc gtaatacggc gccgtttagc ttggcggaga tctggcagca tttcccgccg 240
 gcgattag 248

<210> 24923
 <211> 266
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907007H1
 <400> 24923

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 tatctgattg gaactttttt ttcttgattt atctgttctg aacttctaga tgctaaaaag 120
 cgtaagaaat gttcacgacc tctggtatta cataagaaaa agaggagatt gttaccattt 180
 gttcctacaa aagacttaac cggagattga aacagatggg ttctcttgct tctgctttaa 240
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<210> 24924
 <211> 270
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700907008H1
 <400> 24924

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 ttgccggcgg ggttttataa ctcggtggtg gacgagtttg accgccgagt cgggcgagac 180
 aacaagcgcg cgcgtagatt gaagagaaaa cgggactcgc gccgtgctat tatttgaact 240
 ccgtggcgga cgtaccagct ctgacgctgc 270

<210> 24925
 <211> 273
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907009H1

<400> 24925

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 tccccgcgat caggtgtggt tttatccatt gcaaacagca tgaattttgc agcatcattg 180
 tgcagaagat tgaatataag gaacttgtga catatgttcc tgtgtataga agcaccagtg 240
 gtgtttctgg agaagggttg aatttggcgt tca 273

<210> 24926

<211> 96

<212> DNA

<213> Glycine max

<223> Clone ID: 700907010H1

<400> 24926

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<210> 24927

<211> 194

<212> DNA

<213> Glycine max

<223> Clone ID: 700907011H1

<400> 24927

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 tatagggttt tagtccattt cctttgctgc tgagggatgt ttttaagttgc atttaattta 180
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<210> 24928

<211> 269

<212> DNA

<213> Glycine max

<223> Clone ID: 700907013H1

<400> 24928

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aaagaggcaa aaacgtttcc catttttaggc ttgtaattgt aaatggaaaa gcttatgttg 180
aaaagtatga caaatgtatc agacaagaga tgtgttcaca atatggggaa ttttacaact 240
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<210> 24929

<211> 269

<212> DNA

<213> Glycine max

<223> Clone ID: 700907014H1

<400> 24929

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tcccatcttt gagagaatat aatgattact tggaggaagt agaggacatg acatttaact 180
tgattgaagg aataatgttt cagatattga agcaaaaatt gccaaatacc aggaagaaaa 240
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<210> 24930

<211> 90

<212> DNA

<213> Glycine max

<223> Clone ID: 700907015H1

<400> 24930

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<210> 24931

<211> 268

<212> DNA

<213> Glycine max

<223> Clone ID: 700907016H1

<211> 87
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907021H1

 <400> 24934

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 ttctccctac tcccattctt cctctac 87

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 <211> 58
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907023H1

 <400> 24935

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 <210> 24936
 <211> 265
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907027H1

 <400> 24936

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 agggttaaat tttgaagcca catataatga caactatgat attctgtaga tatttgcagc 180
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 aaaattatat gcctattttt cactg 265

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 <211> 265
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700907028H1

 <400> 24937

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 cacaggaaat aaaagatcta gccatagtta ttataggcct tatgggaaaa gctttgaaga 180
 ttcaagaaag ggaaataaga gaattatttg aagatggaat acaactaatg aggatgaact 240
 attacccctcc atgccttgaa ccaga 265

<210> 24938
 <211> 87
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907029H1

<400> 24938

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 tgaggtagac tcgtggaagt ttcattt 87

<210> 24939
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907030H1

<400> 24939

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 ttgatgcaca aactccttcc tctaaggcac agctttgcaa ggagttcaac tctatggggg 180
 tcacacttgt cctggagaac ttgagcatga ccagattctg gcagtgatta aacaagtaga 240
 cattgtgata tgttctcttc cataccc 267

<210> 24940
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907031H1

<400> 24940

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aagttcctga caacgagttt gaggacagcg cataagacca gaggttatcc ctgcaaata 120
gataggggtt acatttgcag atattggtgc gttggatgag attaaagaat cacttcaaga 180
gctggtaatg cttcccttag aaggccagac ctcttcaaag gtgggcttct gaagccatgt 240
agaggtatat tgctttttgg gcctcctggt 270

<210> 24941
<211> 270
<212> DNA
<213> Glycine max

<223> Clone ID: 700907032H1

<400> 24941

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caatttacac ccattatat aacttggtag tgctctcagg catttacatt gagcaaacag 180
tgcaagtccc agtgcataaa tcatggaaga tattgtgctc cggatcctga gcaagatttc 240
agcactgggt atgatgggaa agatgtgggt 270

<210> 24942
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700907034H1

<400> 24942

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tatcataccc acatggattt gcaatgaaag tgagagagtc caattatgag aacgctttgt 180
gatgcttggt agatgcggcg gctatagttt tctgcgccgc tgatgaggct gcactttgtc 240
gtgcctgtga tgagaagggt cacatgtg 268

<210> 24943
<211> 263
<212> DNA

00220"ETTES60

<213> Glycine max

<223> Clone ID: 700907035H1

<400> 24943

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gtgaaggcaa agatacagga caaggaaggt attccaccag accagcagag gcttattttt 180
gcagggaagc actggaagat gggcgtaccc tggctgatta taatatccag aaggaatcca 240
ctctgcattt ggtgttgagg ctt 263

<210> 24944

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700907036H1

<400> 24944

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acaaatttga tttgaagctg gggaaggagc atcgggttta gattaacgca atgctgcaac 180
aagagccaaa tccattcagc attccatacg tacagaagat caggtgaggt tgaggagtac 240
gctggatggt acctggtcct ggcc 264

<210> 24945

<211> 129

<212> DNA

<213> Glycine max

<223> Clone ID: 700907038H1

<400> 24945

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tacccaaga 129

<210> 24946

<211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907039H1

<400> 24946

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 gaacacggaa acgccctcgt ctgcggtggg acgtagctcc tccctccgcg tctgaggcac 180
 aacgggctct gcggtgcccgt gtgatgaagg ttctgaaaga aagcatgttt cgcctccgaa 240
 aagggacgac gatcgagagg gc 262

<210> 24947
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 <212> DNA
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<223> Clone ID: 700907040H1

<400> 24947

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 cccatggccc gtcgctatga cagtaacccc ttcatgagg aagaagttaa ccccttctat 180
 aatcctggaa ggttcccgct gccactaatt caaggctttc acctctgaag ccagaacctg 240
 ttgattataa ttatggcttt ggtgcg 266

<210> 24948
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907006H1

<400> 24948

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 ttctgataga atcacaggat ggatgactcc ttaggtgtga cctaattctc cgcggtttgt 180

gcagaaaaac cccttggtca tattttgtat tttttttcac caattaattt taggggaatt 240
 gatgtaccat aattgcagta atatatggtt t 271

<210> 24949
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907041H1

<400> 24949

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 tcggtaaacc taaacaggaa accaatgctg ttgccacttt ggacaagcta aacgagacac 180
 ttgaaatgct ggagaaaaag gagaaagtgc tccttaaaaa ggtggcagcg gaagttgaaa 240
 aggccaaaga attcacaagg gggaagaa 268

<210> 24950
 <211> 84
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907042H1

<400> 24950

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<210> 24951
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907043H1

<400> 24951

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 aaaaaaaaaa agataaaaag agggaggata gcggagggga accccattaa gcaagagggg 180

ggggggcgcc ccgctggggg ccccccccg cgggggtttt ttcggggggg ggtcttttg 240

ggggg 245

<210> 24952

<211> 262

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700906963H1

<400> 24952

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ctttcagacc tcatcaacct caatctctca gaatccacag aaaagatcat agcaaaaanta 120

catatggggtt ggtggatctg gtatggacct cagaagcaaa gccagggtc ttctggggc 180

agtgagtgc cctgcaaac ttctgaagtg gaactatgat gggcttagca cagatcaagc 240

tccaggggat gacagtgaag tc 262

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<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700906964H1

<400> 24953

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cgtcgtgagc ttttctctct ggtaggtccg tggtgctgaa acctttttga cctttccaat 180

aaagcatttg tttcaccta tcaatgagct gaaccattgg aataaggatt ccaaacccca 240

gtatttccaa tgccgacaga aa 262

<210> 24954

<211> 171

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700906966H1

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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906967H1

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<210> 24956
 <211> 121
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906969H1

<400> 24956
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 a 121

<210> 24957
 <211> 254
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906970H1

<400> 24957
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 ttcgattcta gcgtgactga gatggctgga ggtgttattc agcagatatt gaggaggaaa 180
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gctggctcta ctgg

254

<210> 24958
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 <212> DNA
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<223> Clone ID: 700906971H1

<400> 24958

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 cagataccac tgcagccaca tcagtttggg ctatgacagc cctagtaaaa aaccctagag 180
 taatgaagaa agttcaagaa gaagttagaa atgtgggggg aacaaaagat ttcttagatg 240
 aagatgatat tcaaaa 256

<210> 24959
 <211> 91
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906972H1

<400> 24959

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<210> 24960
 <211> 257
 <212> DNA
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<223> Clone ID: 700906974H1

<400> 24960

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 agtcctaacy tgaagtacac agagactgag attcagtcgg tgtacaacta tgaaaccact 180
 gaacttggtc acgagaacaa gaatggcact tatcagtggg ttgtcaagcc caaaactgtc 240

aaatatgaat ttaaaac

257

<210> 24961
<211> 86
<212> DNA
<213> Glycine max

<223> Clone ID: 700906977H1

<400> 24961

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tcggacccgg atcgcttcgt caacat 86

<210> 24962
<211> 73
<212> DNA
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<223> Clone ID: 700906978H1

<400> 24962

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ttccacgcaa cgt 73

<210> 24963
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<212> DNA
<213> Glycine max

<223> Clone ID: 700906980H1

<400> 24963

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ctcaatcgaa tcgattttcc ccttccgaaa accctaattc cttcctcgct atcgaagatg 180

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<210> 24964
<211> 252
<212> DNA
<213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700906982H1

<400> 24964

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 agactactcg tgggaatgaa tgggaggttg tatctctgac agcatcgaca tatgcagctg 180
 ctcttggtgc tgatgaagtt gagatgaagg atgatgggaa cgaagatgta tatggacaag 240
 atgaaggaga aa 252

<210> 24965
 <211> 187
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700906983H1

<400> 24965

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 atatcgtagg gtaacgctgc gtccaacatc cctccttcat accttcgcta gcacaagctc 180
 cgggcaa 187

<210> 24966
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906984H1

<400> 24966

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 gagagcagaa agaagagagg ttggagctac ccagagttcg attttgggtt gttcaacaag 180
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 gaagcaattg tt 252

<210> 24967
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906985H1

<400> 24967

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 gcgccagatt tctgtactgt gtatgtgatt tctaaggga gaatctcttc agttcggagt 180
 gctgctcgaa cagccccaca tgctcccca ttgctgaggc acatacagat tctacatgac 240
 gagaatgcac gtga 254

<210> 24968
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906987H1

<400> 24968

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 ggggaaagct tctccttcg ttggcagtag tggatgcctt gccaacatgc tcttcttatt 180
 tctctagaac caccgtccta taccattaa gatgcagaca aaaatcaagg ttgagcttgg 240
 cccgtggcac aattc 255

<210> 24969
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906988H1

<400> 24969

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tatctttctt gcctcttctc ttgcagtctg aagatagaga ttggttgctt agtgaagata 180
 aagatctgta tattgagatt ggctgggcgg agttacttca tagaatgcta gcaccaatcc 240
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<210> 24970
 <211> 244
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700906989H1

<400> 24970

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 cgttcttcat acttctcatg atcggcgctt tcgccttctc gatccgtctc ttctccgtta 180
 taaagtatga gagtgttatt cacgagtttg atccttattt caactataga gtcactcagt 240
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<210> 24971
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906990H1

<400> 24971

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 ttgagtgaca agaatactcc acaacattga aatttaacta tattgtaaga atctcagctg 180
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<210> 24972
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906991H1

<400> 24972

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agctagagca agccacttac aagaaccgcc accgtctcta tctttccgaa cagactgatg 180
gcagtgttcc caataccctt gttattgcca actgcgaggt tgttaaacc agggttgctg 240
ctgctgagca ca 252
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<210> 24973

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700906992H1

<400> 24973

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aaaaaaaccc cccaattttt tgaaaaaac aggggggaaa ttgggtaagg gggccttttt 180
ttcaaaaagg ttttttcaaa aagggggggg cccgatttgt ccccaaaaaa ggggggaaat 240
gggaaacttg tttt 254
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<210> 24974

<211> 256

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700906993H1

<400> 24974

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ctaacaactc tctccacctc aacctctctc gcacgcgccc ttctctctcc ctacgcgccc 180
cctcgcacac tcgccgtccc ttcgtcgtca aagcctctc cagcgagctt cgcgtagttg 240
gaaacaccgc accgga 256
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<210> 24975
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906994H1

<400> 24975

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 actactctaa aagctgcccc aaagctgaag agatcatcaa ggaacaagtc acacaactat 180
 ataacaagca tggaaacact gccgtttcgt gggtcagaaa tctcttccac gattgcgtgg 240
 ttaagtcatg cgatg 255

<210> 24976
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906996H1

<400> 24976

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 agcagatcga gaaggagaag gctcaaggta ttgatatac agtgtatggg tcttccaaag 180
 tgggtgcagac tcaagcccc gttcaactag gtcacttcg agcagcagat ggcaaagaat 240
 gaggtggtca acatatg 257

<210> 24977
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906961H1

<400> 24977

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 gaaagatagg gaaggagacg acagatcata tcaaagacct tttaaagaaa ctgattgagt 180

cccctcccga accaccgaag caaatcaata ttgaagttga aggcctgtct gtcgtcaagg 240

attacttatac tgactacggc t 261

<210> 24978

<211> 275

<212> DNA

<213> Glycine max

<223> Clone ID: 700907001H1

<400> 24978

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gagtctataa cagggattat atctaaaacc atctcaacta agggcatgct agctgtatac 180

aatgctttat ctgaagatag aaaagggaaat ttgagaaggc ttatagtgtc tcttattatc 240

cttgcattgga aattctgtat gattgctatg aggat 275

<210> 24979

<211> 90

<212> DNA

<213> Glycine max

<223> Clone ID: 700907002H1

<400> 24979

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<210> 24980

<211> 89

<212> DNA

<213> Glycine max

<223> Clone ID: 700907003H1

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atattcggga cggagaagga cagggtgaa 89

<210> 24981
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700907004H1

<400> 24981

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 tgaatcagat actagtccaa gccagttgct ggataatggt gaaaacagag tgctagaagg 180
 agattcatct gtctcaccga aaagcattca atttcctgctc tggttggctgc ttctctatct 240
 cgtttttatta aaggaaaagg g 261

<210> 24982
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906923H1

<400> 24982

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 gcagaacgcg ctttttcgac ggatgcgcgc acatcgatta ccccgctggc ggatcgctg 180
 aagtgggact accgtgggca gaggaagata atccggttgg ggcagtggct ccccaaagtt 240
 gccgtggatg cttacgtggc accc 264

<210> 24983
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906926H1

<400> 24983

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 ctattattta tcttctctgg ggctactca tgacgaaata gacttcgagt ttttgggtaa 180

cttgagtggg gatccttata ctctccacac gaacgtataa ccacaagggg aagggaaacag 240
agaacaacag ttccatctat gggt 264

<210> 24984
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700906928H1

<400> 24984

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ggacaataag cataggggaac tgtgaagagc tgaaggaacc tttgtttttg ttggttgttg 180
ttgttggtgc gtctggattg ggttggtttt agggattgga atgccatctg gggttttgct 240
ctcaggcgat caaggtccaa agctga 266

<210> 24985
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700906930H1

<400> 24985

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tgagcgctcg cgagaaccag ctccgatggg gtttcattcg caaggtctac ggcattctct 180
ccgcgcagat cgtcctcacc accctcgtct ccgtcaccac cgttttctat actccaatca 240
atgacctcct caagggaat tccaccc 267

<210> 24986
<211> 236
<212> DNA
<213> Glycine max

<223> Clone ID: 700906931H1

<400> 24986

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 gaagagcttg gatttatatg ggaagttgga tggatcatgaa ggggtgtgtga atgcagtgga 120
 atttaactcc accggtgaca ttcttgtttc tggttctgat gaccgacaaa ttatgttttg 180
 gaattgggaa tccaaaacta aattgtttgc atacccttct ggccacacag acaaca 236

<210> 24987
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906932H1

<400> 24987

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 caagctgcaa gccacttcgc tgtttcggtc ttttcccata attggacatc tcagattctt 180
 ctcaatcatt tccttcactt tgtaactggt ttctctgagg gcattctatt aagtgagaga 240
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<210> 24988
 <211> 263
 <212> DNA
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<223> Clone ID: 700906933H1

<400> 24988

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 cctcaatcct ctaagtatga tacaggagtc aaaggccaac gccttatgaa caaggaagct 180
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<210> 24989
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<223> Clone ID: 700906935H1

<400> 24989

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agacaacaac cactgttggt ttcttcaacc tcaacttgct tagcagcagc ggcggcggtca 180
aactcaaaca gcacttcgaa ttccaataac aacaaccctg cttcagcttc agcttcgctcg 240
aaagagaaga aagtagaagt gg 262

<210> 24990

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700906936H1

<400> 24990

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tcagaggctt gagcggggca atcttgctct gaagaacagt attgaggaaa agaacagtgt 180
taagggtgata cgtggctctg aatcaatgga tggaaagtgc aggatatatg tttatgatgg 240
actgtatgag gttgag 256

<210> 24991

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700906937H1

<400> 24991

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gcgccggcaa aggtcgcact aacatgcgcc gcaccgtcaa gagggtcct cagagcattt 180
ggatatggccc tgaccgtccc aagtacttgg gtccattctc ggagcagatt ccatcatacc 240
tgaccggaga attccctggg ga 262

<210> 24992
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906938H1

<400> 24992

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 aagtgggtgcc ggacgcggag gaccaccacc tgctcaacgc ggagcaccac ttctccgcct 180
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 tcttcaagaa caacttgctc cgc 263

<210> 24993
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906940H1

<400> 24993

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 ggtcaaggct gggaaacccc cgaagtcggt gacgaagtcc aagttcatta cacggggact 180
 ttgctcgacg ggactaagtt cgattcgagc cgcgacatgg attctccctt cagcttcacg 240
 ctcggacaag ggaaagtaat 260

<210> 24994
 <211> 82
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700906941H1

<400> 24994

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nnccaaaaat canacacaca tt

82

<210> 24995

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700906942H1

<400> 24995

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cttggcatgt cagaaatgct tggaaacccc atcaacttca gtggtgccac aaggccagct 120

ccatctgctt ctagtcttgc ctcttcaag actgaggctc tttctccaa aaagaaggct 180

acaccaacac ctccaaaaaa agctgctgct gctgctctg ccaatgatga gcttgccaag 240

tggtatggct ctgacagaag ga 262

<210> 24996

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700906944H1

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cttccgttgg cgaatcgccc cgttctctcc tacgtactcg agtacttgga gcttagcaac 180

ctcaaagatc tcattgtggt ggctgattgc taattttctg ctcttcatgt tgggtgcttg 240

gattcggggg cttgtgctga t 261

<210> 24997

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700906945H1

<400> 24997

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gcccccaatg ctctactccg acgcggtttc gttgttgctg ttttaagcgtc tagcggacca 120
 agacaacaag ctctctact ccctcaacga gctgtacgac tactgcgagt ggcagggcgt 180
 gaagtgcgcg cagggcagag tggtcagctt cgtggcccag tccatgggcc tgcgaggccc 240
 attcccgccg cacactctca caa 263

<210> 24998
 <211> 96
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906946H1
 <400> 24998

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 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700906947H1
 <400> 24999

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 tcgctcgtgg atctcagcta tattcacgat catgatggcc cttgaaaatt ctgaaaatgt 120
 gcagataaac tgtgaggcat ctttaaaatg cctccagggc aagggtattc cttgcaattt 180
 tcaaagtaat gggaattcta tagaaggctt tacagagctt aaaacatgag cctggtactc 240
 accctgctgg ggatgttgct gac 263

<210> 25000
 <211> 264
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906948H1
 <400> 25000

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 gtcattccagt tccaacatcc ttgctttcca ctccatagct caatggaatg ctcattataa 180
 agccaccaaa gaaactaaca agctgatggg atttgatttc acagccacat ggtgtggacc 240
 ttgcaaactc atggaccctg ttat 264

<210> 25001
 <211> 76
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906949H1

<400> 25001

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 tatttcagtga gtgtgt 76

<210> 25002
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906951H1

<400> 25002

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 ttcgaacacg agattattgt ctagctctct ctgttcgagt tctttggacc ttggattcgt 180
 tgccctctcg caatgctgct atcgtgagtt ctgtgattct attggatggg gagatcgtgg 240
 agttcttaac atgg 254

<210> 25003
 <211> 263
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700906952H1

<400> 25003

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 caatccttgg tgggtctagc atctatccct accctcgag tggttagaaca ggaagagaaa 180
 ggaccatgac agatcccaac agtgagaaac cgggcgatgt ttatgttcca agagatgaaa 240
 attttgggtca cttgaagt 258

<210> 25007
 <211> 260
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906960H1
 <400> 25007

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 aaccatcaag cttcttctct tactgaatgt gtttgggttt ggagccatgc ttctatcaac 120
 tctctacctg tcaaaggagg caaagcgtct tgctatcata ggatggattt gccttggttt 180
 caacatcagt gtctttgctg cgctctctt cattattagg cgtgtcataa agacgaggag 240
 cgtggaatac atgccattta 260

<210> 25008
 <211> 262
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906922H1
 <400> 25008

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 agtacggtgg gagaaggga ggtgagttagt aatgggtcatg gatgttgcaa atcagggccaa 120
 ggctatgctt cccactgga agccatttct ggtccagag agtctctcat ttatgtaacc 180
 tctgtctaca cagggaccgg aatagagaag ccagactatt tggcgacagt ggatgtggat 240
 ccaaactctc caacttattc ca 262

<210> 25009
 <211> 246
 <212> DNA

<213> Glycine max

<223> Clone ID: 700906882H1

<400> 25009

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tacggtatatt ggcagaattt aaagctggca atgaaaagaa agaggtggca gatcagtcac 180
ttaaagcata tcagacagct tctaccactg ctgagagtga actacaacct acacatccta 240
ttcggtt 246

<210> 25010

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700906883H1

<400> 25010

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cttgacaatc ttgatcatat tgctctgcaa actctgctgc actaactgct tcaccgcttt 120
ctttcctcac tcatgatccc atcttcctcc accaagcacc ctttcgacga agaagaagaa 180
gatccacaaa taggagcaga tacaccaag ttaaagtffc caccgtaact tccagagacc 240
tgttttcc 247

<210> 25011

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700906884H1

<400> 25011

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atctgtgtac tcatcaagaa tccatcatct ttgaggtctg tgaagaacgt gtctaaagta 180
tttggattga aatcatcttc ctttagagtg tcagcgatgg cggtatataa agtgaagctg 240

attgg 245

<210> 25012
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906885H1

<400> 25012

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 ggtgaactca tactagagat gtaattgcaa tggaagattt ggcaagaagc attcagaatc 180
 ctctctgctga ttggcatggt gatccttgcc taccttcggg aaattcttgg actggagtta 240
 cat 243

<210> 25013
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906887H1

<400> 25013

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 gacaaagggg aatgaatcaa gcacagttgc tggtatggaa tccaattcaa aatcattaag 120
 ccaaattgatt tggtttcaaa atcctctcct gaaatttgat tttgtactgt ttatactctt 180
 ttctttgttt agaaccaata tattggcatg agttatacta tttatgtaat atttctttac 240
 aacaaa 246

<210> 25014
 <211> 241
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906889H1

<400> 25014

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cccgtgtgg tgtctctcc acctgcaact gcaactgcgg ttcctcttac ggactccgtc 120
aaaccagaa agctttcctt gaatcattgc tactccaatc ggggtgctgtc cttttcaggg 180
gattcccact ctccaccgct tctcattca acgacgctaa cgaagcattc ggctacgacg 240
a 241

<210> 25015
<211> 244
<212> DNA
<213> Glycine max
<223> Clone ID: 700906890H1
<400> 25015

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cagtggagcg ctagggcacc ctccccaga ttccccaaact ctcgattcct ccgagcagggt 180
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ggag 244

<210> 25016
<211> 243
<212> DNA
<213> Glycine max
<223> Clone ID: 700906892H1
<400> 25016

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tcaagtgatg aggacatgga atctatgcaa tgaatagact ctcagggtacc atatgtatgt 180
atgtattaat agaattgcat aggggtctttc tatgctactt tctctttcac cttacaaatt 240
ctg 243

<210> 25017
<211> 70
<212> DNA
<213> Glycine max

<223> Clone ID: 700906893H1

<400> 25017

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<210> 25018

<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700906894H1

<400> 25018

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tgtgtgttgt agccgccccg tgaccatcaa tggcggaac tgctgtcgac aaatcccaat 120

cctcgctgag gaatattatg tgaaggataa gcaaacagct gtagttgaaa aacctgttga 180

gggtcaaagaa gttgaaaacc cagaggaggc tgcttctgag gaaccggtg ctgagaaaac 240

tgt 243

<210> 25019

<211> 90

<212> DNA

<213> Glycine max

<223> Clone ID: 700906895H1

<400> 25019

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aaatttctgc accttccaca caacatacga 90

<210> 25020

<211> 239

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700906896H1

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ctatcatcaa caccttctac tccaacaagg actagtctcan tegtgaactc atcagcaacg 180
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<212> DNA
<213> Glycine max

<223> Clone ID: 700906901H1

<400> 25021

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ccatttctat tctcgaactc tcttcacccc ttcgttcttc ataacaagac atttctcatc 180
ggaaacccaa acggatgaga ttgctagctc cctctcctca gagcttctca aagagcaaga 240
ctccgacgct ctctccgtct cg 262

<210> 25022
<211> 264
<212> DNA
<213> Glycine max

<223> Clone ID: 700906904H1

<400> 25022

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atcctaagat cagaatttat gatgttggtg tgaagaagaa aggtgttgat gagtttccct 180
tctgtgttca tctggttagc tgggaaaaag aaaatgtttc aagtgaagca ttggaagctg 240
ctagaattgc atgcaacaaa tata 264

<210> 25023
<211> 92
<212> DNA
<213> Glycine max

<223> Clone ID: 700906905H1

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 aatctcgtta ttcctcttca ctcccaagct cc 92

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 <211> 267
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 <213> Glycine max
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 gtttgcgga tgctaagatg gacaagagca ccgtccatga tgttgttctt gtcggtggtt 180
 ctactaggat tcccaagggt caacagttgt tgcaggactt cttcaacgga aaggagcttt 240
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<210> 25025
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 <223> Clone ID: 700906910H1

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 cttcttcagt gaaactgggg caggaaagca cgtgccccgt gcgatttttg tagatcttga 180
 gccactgtg attgatgagg ttaggactgg gacataccgc caactattcc atcctgagca 240
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<210> 25026
 <211> 266
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906911H1

<400> 25026
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 tcttgtctga agagtctggt tgggacaaag atcttgccaa gaaaatctgg tgctttggcc 180
 ctgagaccct tggaccaaac atgggtggtg atatgtgcaa gggagtccag tatttgaatg 240
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<210> 25027
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906913H1

<400> 25027
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 ctctgtctct ttttcttctt tgctctccaa aaatctcaca cacacaggta tctggcaaat 180
 gggttctcac caacaagaac catggctatt ggagaatggg aaaccaaggg ttttgaccaa 240
 ggagaccagg catggccgtt ctgcacac 268

<210> 25028
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906914H1

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 tgtacaaggt gatagctaag ttattagcaa atagattgag acaagtgata tctgggtctta 180
 ttgatgagag gcagacaact ttcataaaaa acagacacat cctgcatgac atactacgtc 240
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<210> 25029
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700906915H1

<400> 25029

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ggaggcacgt ggggggttcga gtttcgaacg cgctgatcga accagacgga gggaagctgg 180
tggagcttgt ggtgagggat aattcagaaa gagacttgaa gaagggtgag gctctttcgt 240
tgccgaggat caagctttca aggatt 266

<210> 25030
<211> 276
<212> DNA
<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700906917H1

<400> 25030

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caagctactt tccccaccgt ctctgtccaa ttctgacgcc gaatatcatg tcacgcctct 180
tctgccatcg ctcaaaaagt tgggctgtaa aatttaattc acttagatgc attttgatca 240
agacactatt ctgaaaatct agaacgggca cttgag 276

<210> 25031
<211> 96
<212> DNA
<213> Glycine max

<223> Clone ID: 700906918H1

<400> 25031

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acccaaattc aactcttctt atctttacgt ggaatg 96

<210> 25032
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906919H1

<400> 25032

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 ttttccgcac gagatgacgg actacaaaga gaaagctcaa attgcacgtg cctatctctc 180
 ttctcaagta aactttctcc atttcttctt cgatcttggtg caaattttgg agttttgttt 240
 ccccttggtg gttctctgga aatta 265

<210> 25033
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906920H1

<400> 25033

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 tgggtgggtt tcgattgaac tgtgatgtcc aagccactgc taggcatagc ggaagaggaa 180
 ggtcaaagca atgtcacttt gttggtttct tctcagcca ccatggaaaag tgtgtgcctg 240
 aatagctcaa aactgaaaga g 261

<210> 25034
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906921H1

<400> 25034

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gggagtggtc aaggcgcgtc tagtcggcgc cacgcgcggt cacgcgctcc tgaagaagaa 180
gagcgacgcg ctacgggtgc agttccgcca gatcctgaag aagatcgtgt ccacgaaaga 240
atctatgggc gacatcatga aaac 264

<210> 25035
<211> 244
<212> DNA
<213> Glycine max
<223> Clone ID: 700906881H1
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gaaggggggta tgaggggcag aggccggggc tggggtggtc gtggaagagg aagaggaggg 180
tatcatcggg aactttgttg cagatgtgat gtagaaaacg tcagacttca ccaggctgta 240
ctag 244

<210> 25036
<211> 253
<212> DNA
<213> Glycine max
<223> Clone ID: 700906830H1
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ccaattttct tgcaaatcag atccagaaac agctatgtct ggcaattcga attgcagtgt 180
ttacataggg aatctggaga gacgggtgac ggacagggtc ttgtatgata tattaattca 240
agcaggaaga gtg 253

<210> 25037
<211> 254
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<213> Glycine max
<223> Clone ID: 700906831H1

<400> 25037

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 caaaggcaac atgacgggtc cagcagtgc gatggggggg acttcttcgg gatgatattc 180
 agaggtggca gcagcagcag cagcagcagc caagcagcgc caccatcgtc cgttctattt 240
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<210> 25038

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700906833H1

<400> 25038

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 gagccatcct ttcaagacaa gggcttaggc tccttggttt tgtatgtgct tgcttgtatt 180
 agttgtaatt tatgtatctg gagtcttctt catttggaat ttcattgtgaa tctttttgtt 240
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<210> 25039

<211> 253

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700906835H1

<400> 25039

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 tcaaccaaac tcagaatcag aatatgcaaa gcttcacca gggcctcgtc catttcctat 180
 cataggaaac atcttggaac ttggcacaaa tccacacata gcataattta gantctcaaa 240
 gatttatgga cct 253

<210> 25040
 <211> 255
 <212> DNA
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<223> unsure at all n locations
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<400> 25040

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 tcggcgattc ggcgtgggca agtcccaacc tcctctctcg cttcaccaag aacgagttca 180
 acttggagtc caagtcacc attggcgtcg agttcgccac ccgcaccttg aacgtcgatt 240
 ccaaagtcac caagg 255

<210> 25041
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906837H1

<400> 25041

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 tcaagggaga gaggggaaggt ttcaactttt ctgttaacca atctccacct aagagccaag 180
 ggggagaagc ttctcaattc tcctttatgc atccaatcaa tactggtgat gatagcactc 240
 tttcttcacc aattc 255

<210> 25042
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<223> Clone ID: 700906838H1

<400> 25042

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gagtgtactt ttgagagggg cggatgaaggt gattgttatt gattttctgg atctttcatt 180
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<210> 25046
 <211> 247
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906847H1
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 gtgccaagat ctaccaggg aaaggcatca gatttgttcg tgggtgattct cagggtttcc 120
 tgtttgctac tcaaatgta agaggtatct ccacaacagg ttgaagccgt caaagctcac 180
 gtggactgca atgtaccgaa agcagcataa gaaggatatt gctcaagaag ctgtgaagaa 240
 gagaaga 247

<210> 25047
 <211> 249
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906850H1
 <400> 25047

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 cttcattgt ggctactaca aggtgggttc cttcgattc cggtgccttt gcggactggt 180
 cggccctcc gtctgctgtc tccggccgag gcgacgatct ctccctcggc ttcaatgctt 240
 catccgcca 249

<210> 25048
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906851H1

<400> 25048

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ttttaatcta ttattttctt ttatttcttt ttcataagga ctttagttct tccaccgtgc 180
ttgattgttg tctcgattat aactaaattt ccgttattta agaacaatag ttgacattgt 240
ggaaaaaac 248

<210> 25049

<211> 127

<212> DNA

<213> Glycine max

<223> Clone ID: 700906852H1

<400> 25049

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aggcatgtga atctgggagt atctttgaag gtcttcttcc agaaggtctg aatatgcaca 120
caacata 127

<210> 25050

<211> 153

<212> DNA

<213> Glycine max

<223> Clone ID: 700906853H1

<400> 25050

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tttcttgtgt acttcaaatt acaccaccaa cactatccgc ttcatacta gaaggactta 120
tgattgcgtg gggctaaaag ggcaggacat tct 153

<210> 25051

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700906857H1

<400> 25051

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ttcaccacac tacggccgcc ccgtctctcc ttcaagaaga acctgctacc cactcggagc 180
ctcttccgat gaaaacttcg attacgatcg cccccagtac acctcttacg ctgaactctc 240
tgcttatgg 249

<210> 25052
<211> 247
<212> DNA
<213> Glycine max
<223> Clone ID: 700906860H1
<400> 25052

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ttagccaaaa gccacttgt tctggtggct ttacagaagt ccatacagag tggagaatcc 180
ctccaagcct tggccaatca ttctctggct tcagggagga ccaggctctt caggagtggg 240
gtttgga 247

<210> 25053
<211> 140
<212> DNA
<213> Glycine max
<223> Clone ID: 700906861H1
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ttttggtgct acttactaag gcacactcga ccgaaaccgt ttctttcacc ttcaacaagt 120
tcaaccagtc cacacaacat 140

<210> 25054
<211> 247
<212> DNA
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<223> Clone ID: 700906862H1

<400> 25054

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 caagaggatt ggtatgacat taaggccctt tctctttttc aagtgaaaaa tgttggcaaa 180
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<210> 25055

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700906865H1

<400> 25055

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 tatagatgag tgagagtgtg atagtaagga gaaaaagaaa gtggtatata ttgatatatg 180
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<210> 25056

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700906873H1

<400> 25056

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 atggtatatg atccgtgttt gtgctatgat gttattttta tttttctttt gtttaatggt 180
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 ccacag 246

<210> 25057

<211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906874H1

<400> 25057

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 ggtgtgattg cacaattaag gatcatctcc agtagtactg aaataatatc gttaaaactg 180
 atgagattgt cctgctactc aatctgcaag gcaattttca gctgcggtta atgacgttgt 240
 atcac 245

<210> 25058
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906875H1

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 ccggctggca gctctacttc aacgagatca aagataccga taagctcggt gtgatagatt 180
 tctcggcgctc gtgggtgcggt ccttgcaaatt tcatagagcc agcgattcac gccatggccg 240
 aca 243

<210> 25059
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906876H1

<400> 25059

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 aaacccaaaa gtggccaagc aggataagaa gaagaagcca cgtggccgcg ctcacaagag 180

gatgcagtat aatcgccgat tcgtcaccgc cgtgggtggga ttcggcaaga agaggggacc 240
taa 243

<210> 25060
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700906877H1

<400> 25060

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tgcccttttta tcttctttct ctctctcttt acactttaac acaccaaata aatgaaaggc 120
gtaccttgcc tagcccaacc ccataagcct ctttcttttt ctctctctca cttgcatacg 180
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gttcat 246

<210> 25061
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700906878H1

<400> 25061

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ggattgctcg tcggggcaga aagctgttgt ttctggcaac aaaagagggt ttgctgatac 180
catggatggg ttttctcagg ggaagtttgc tggtaataca gggatgaacg cggtgctatc 240
accta 245

<210> 25062
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700906829H1

<400> 25062

00220.E.F.F.560

<213> Glycine max

<223> Clone ID: 700906777H1

<400> 25065

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ctgtgaacat agatgcgagg cgagggaagg tgatgggtgc agggcatgta gatccagcta 180
aactgataaa aaagctgaag aggtcagggg cgcatttcga actttggggg ggccagagag 240
gcatgatgta caacca 256

<210> 25066

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700906778H1

<400> 25066

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ccgcaggtcc ggcaaggcac cggaaaaatc caccttttct cagacttgca gcctcttgag 180
ccagttcttg aaggagaaac gtgcttctgc tgattccacc cttggaattg gtcgaaaaat 240
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<210> 25067

<211> 265

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700906781H1

<400> 25067

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aaggcctcaa ggccatggaa cacctcctcc gtctcctatc ctatcaacc tctcacctcc 180
acgctcaata cacttttgtc antttttcca acttcaaaaa actcatctcc ttactcagcc 240

gccgcaccgg ccacgtcgt ttccg

265

<210> 25068
 <211> 250
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700906783H1
 <400> 25068

caaaaaattc aacaccacca agaggtttca acaataatgt ctctccagca gcaatagaat 60
 tttgggagcg acttntntat cacggttata aagcagatgt ttgcattaat actgataacg 120
 gtggcggttg ttatgctcat tctaacattc ttgccatgtc tactcctggt ttcaggggca 180
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 atgatgcagt 250

<210> 25069
 <211> 77
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906784H1
 <400> 25069

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 attctacaag gaaattt 77

<210> 25070
 <211> 253
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906788H1
 <400> 25070

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 gatactgata ctaggcctaa ccctcatgct cctatttggt ctccctctgag gtggcatcca 120
 cgaatacaaa cgagtaggac aatggagtgg atgatgctaa atatcccggt gtaagctaata 180

00220"ETFE560

gagggggggtta cccaggtcat ggcgggtggcg gttatcctga ccatggcggt gacgggttate 240
ctggccatgg cgg 253

<210> 25071
<211> 150
<212> DNA
<213> Glycine max

<223> Clone ID: 700906789H1

<400> 25071

ttcctttctca aaattgagat ggacctactt gattcttgaa tttatcaata gacaggtatc 60
tctttctgaat gataagaaac agcagcctac aaatcggcac tagatcaatt caagaatcaa 120
gttttttcctt ctcaaaattg agaggggctt 150

<210> 25072
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700906794H1

<400> 25072

caacgccgta ctatcgtttc cgagaaccat ctcttttttt ctgcgcgctc tcccccgcaa 60
tcgcatcgcg cgttttgctt ctctttttat cgcagattct ctgcgtcgct accagactca 120
cttccgtgat tcgaacgcgg cgtggggaag agaaaaccct aatccgacat ggggaagaag 180
aagccgacgg cgagggacga agagaacgcg tcgcagcaag gcggcggcgg gaaatcgaag 240
aagaaggcgg tt 252

<210> 25073
<211> 202
<212> DNA
<213> Glycine max

<223> Clone ID: 700906796H1

<400> 25073

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gctatttggt acagtttgga caagagcaaa tatttcattt agttgccaat cgatctagtt 120

aggtgatgta ttttgatttt gcattttgca ttttgtgaaa cacaattaaa gagaaaatga 180
 agaaagtttag caagttggta tg 202

<210> 25074
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906803H1

<400> 25074

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 atggtgcccc tactcggagg tgaaatgcgc aagttggagg cttgctgtgg aagcacacaa 180
 catctttggc ttgagacca ttcctgaaga gtgcgttgaa gcaacaaagg aatgaatcca 240
 tggcgaacaa tatagat 257

<210> 25075
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906808H1

<400> 25075

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 gtgcttgggt tgggtcactc ttcggtgaag gaagcgggtca tgtacccgag ctacagcccc 120
 aggagaaaga aggttgcttg agaattgatg acgtggcagg agtccaagct ctttacggct 180
 ctaacccaaa ctttactttt agttctttgt tgcagtctca gaattcatta aacgctgccg 240
 ttgggttgga aacggtttc 259

<210> 25076
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906809H1

<400> 25076

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 ttccctccat tcaatcatca aaacattctc ctttagcaac aatggcaggt gcaatccaaa 120
 aactaccctt tgaacaatcc aagaggaccc aaataagttc tattaccatt tcctctacaa 180
 agccacacta gtctcatctt tcttcgttat catcccattg tttccctcac aggctcctga 240
 attcatcaac caatcgctcc tc 262

<210> 25077
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906810H1

<400> 25077

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 tttcctaaaa ctgggtgtcca gctgttatac ctctgaact tcattgtcaaa gaatatcctg 180
 acttcatgga gaagcctgac aaaccacat acaaatcgca taacgtgata ggagagctct 240
 ttagggaagt gaaaga 256

<210> 25078
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906811H1

<400> 25078

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 ttctcagcga ttcttgcttc aagttccaga aatgggtgtg gcacaaaaca ttctgatgc 120
 ggaggaggga accttgagat tggaatggaa tacagaactg tttctggagt tgctgggcca 180
 ttgggtcattc ttgataaagt taagggaccc aagtttcaag agattgttaa cattcgctta 240
 ggagatggta ctactcgg 258

<210> 25079
 <211> 257
 <212> DNA

<213> Glycine max

<223> Clone ID: 700906814H1

<400> 25079

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 tttattacta caaactagat aactaataaa gtatagtttg tagtaataaa taaataagca 120
 tactctttta aatgatctat actttattag ttatctagtt tttattgaac gagatgtgtc 180
 acttgcactc atggctttgt ggtttgagat ctcaaaccat ataagtatgg gttcgattgt 240
 tgcatacaaca aaaaaca 257

<210> 25080

<211> 258

<212> DNA

<213> Glycine max

<223> Clone ID: 700906817H1

<400> 25080

cttattatac tctagccttg caccctgaaa gaaaacagga aagaggaaac tagtgcaaag 60
 attaacatca ttaacaccat atcaaagtga aaaatatagg ctaagaaaac attatattga 120
 gacattcaga atttagatta tttttcatat acattttctc tcatgcttta tattttgttg 180
 atgctcttgt gtccagtttc acacctaate tgactattta ctttgtttat tgggtactgtt 240
 atttcagata tattgtca 258

<210> 25081

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700906818H1

<400> 25081

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 tgttggtgggt tgtgtcatta tgctcaciaa tgtattcctg cattctgctt tgggtgcaatc 120
 aaggaaggtt gatctaaaaa gataggtcgg gtgcaggagg ctctcaacta ctattcaatt 180
 gaatcggcgg cggcacttgc agtctccttc atgatcaatc tatttgtcac aacagttttt 240

gctaagggtt tttatgg

257

<210> 25082
<211> 124
<212> DNA
<213> Glycine max

<223> Clone ID: 700906821H1

<400> 25082

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tactaggcac agcgtcatcg gttttctacc cccattactc ttgtttgctc gttctctgcc 120
ggtg 124

<210> 25083
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700906822H1

<400> 25083

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gtttgcagag aaaatctgaa tcatgtcgtg gcaagcgtat gtcgacgac accttctgtg 120
tgacatcgaa ggaaccacct cactcacgct gctatcatcg gccaaagacgg cagcgtttgg 180
gctcagagta ccgacttccc tcagttcaaa cctgaggaga taactgccat catgaatgac 240
tttaatgagc ctgga 255

<210> 25084
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700906823H1

<400> 25084

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cccaacctca tcataatagg gtttctctct caaccaccac aagtatctgt cccgccggct 120
cccttctcga ttcgtcttag ggtttcocaga ttccacttgt ccccttctca attctcttgg 180

atccattgcc gtcacgagg gagatgaagt ttctttgcag aaggctctga atatggttca 240
caagaataat catg 254

<210> 25085
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700906824H1

<400> 25085

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cccttcaatt aatctccatc ttaggtttgt gtctatctta caataatgat gttgatttgt 120
tgagacaact tcgtcggat ttccagtgat cagcaatatt ttccattggc actttaattt 180
cctaccctag ctagtgtgat ttgtgttttc ataaatgaca atctggacca agccacaaaa 240
aaatattctg cc 252

<210> 25086
<211> 96
<212> DNA
<213> Glycine max

<223> Clone ID: 700906825H1

<400> 25086

tctcacggca attttatagg tctccaaga aagagagata gtgagaggaa aacgagacca 60
aggagaaaa acaaccaccg tccaaaccac cacaca 96

<210> 25087
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700906826H1

<400> 25087

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gaaatcaata gccaacaggg aatatggcta cggtgggctt ctttgcattg acatgggaac 120
ggtggagagg gaaacctgtt aatggctcac ttgcaaatg atgctcaatt tggattcatg 180

gctgttagct tgggggtatta tgagaccctc atgtcctgct ctggttagcag cactagcagt 240
gagatgactg agg 253

<210> 25088
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700906827H1

<400> 25088

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ttgtctttgg tcatcttata tatgttaatt ttgttgctta ggttcaagaa gacctcagct 120
tcatccaaca gtggagtcct tcttcataga ccacstcaac cctttgctac cgaagcctgc 180
cttgtcggag cactcaacct caaacccgc ctctctctct gaacacatcc ccgccgtcat 240
gtataccgtc gtg 253

<210> 25089
<211> 260
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700906774H1

<400> 25089

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ttccatcgtg gaccacgca acatccacct cctaanaaca ttgatccagt gcaacttccc 120
accttatgga aaggatcttc agggaggcta cccaacgggt cgattttgca atggaaaaat 180
tcctactgac ttaatagttg aacaattggg tattaaggag tatttgcctg catatttgga 240
tccgaatctc aaatctagtg 260

<210> 25090
<211> 97
<212> DNA
<213> Glycine max

<223> Clone ID: 700906735H1

<400> 25090

ccttactctc cagcgctac tcatatcaca gatcatggat aattcatagt actactatctt 60
cgtacaagta ttacgaacc attccattcc aatttcc 97

<210> 25091
<211> 264
<212> DNA
<213> Glycine max

<223> Clone ID: 700906736H1

<400> 25091

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actgttatgc catatctcct aagaagggtc gaagagaata gaggaatgtt ggctgtctcg 120
ggctttgaca ggcaactgat gaggaaggag ttgggaagga gactaaaagc tgctgtcttt 180
taatttttta tacttttatg ggacgagtta atgagatgta ataattgtctt ttaggcaaca 240
caggattagg atactctttg taca 264

<210> 25092
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700906737H1

<400> 25092

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acgctgtgaa taattccaat ctgtttaagt tggctatcaa gcgcaatttg caggtctata 120
tatgcatca gacatttgat cccactcagt tttatgcatt aggccgtcct tgcccaagac 180
ttttagcaa tgaaaccaa gaaagcatat acttctgttt aaattctgtt aaggaacaag 240
gaaaagtaac tgaaaccaa tgtaacaa 268

<210> 25093
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700906741H1

<400> 25093

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 accggagcca gcggcgccat cggatcatgg gtggtcctac tcctcctcca gcgtgggttac 120
 accgtccatg ccaccgtcca attcttctag gatgaaaatg agacgaaaca tttggaggaa 180
 atggaaggag caaagagtca tctccatttt ttagaaatgg atcttcttga catcgactcc 240
 attgccgctg ccataaaggg ttgttc 266

<210> 25094
 <211> 266
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906742H1
 <400> 25094

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 ttatagaaca aagtgttttt ccaaattcct tccttcttc caaatccctt tactgtcacg 120
 tgaaatctaa caccgagcgt gtagatagtc tatgaaatcc aattaaatgt tcttctgaga 180
 acaaagaaca taagataaca aacagaaagc gcttataaat ggctttccac gaccatctac 240
 cgtccgaaat cacgttccag ccgttt 266

<210> 25095
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906743H1
 <400> 25095

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 atttaattac taaatgaata acttaccat gaatcatttc cccgggggtat gtttcaagtt 120
 cccttatata attaatgcaa attggatttt gattatagga tatgtttcca aaaagattca 180
 acgtactttt tatgggtata cgataaggaa aaaaaaaaaa aaggggtgtc cgcggactag 240
 agaccccttc acccggg 257

<210> 25096
 <211> 260

<212> DNA
 <213> Glycine max

<223> Clone ID: 700906745H1

<400> 25096

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 tgtacgatac tgtcgtagtg ctaaaaagca taatatatga attttttttt ctctttttct 120
 ggagaatata tataggagca caatacaatc tgagtcagaa tcagataagt gttggtttgt 180
 gtttttggtg agaagagaga atggctgtgg cgtcgtcatt atcccttatt acgttgaagg 240
 tgaaaacctt gcattatcgg 260

<210> 25097
 <211> 86
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906746H1

<400> 25097

cttttgcttg tgaggaagga gaaactctag gggaatgaaa ggtcttcaaa agaggacttt 60
 aacactctac ttgccacact acatac 86

<210> 25098
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906747H1

<400> 25098

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 tgggtgctgac atgatccgct agcactaatt ggaatattag gagttaaccc ttcgaggggg 120
 gaaaacacaaa ccaattcaac caaatgcata ccatgcctcc taaaggcacc ctaacttta 180
 tattccttca ccatgatgtc ctttctttca acaacagaga aactcgtta atcacaccct 240
 ctccacacaa ca 252

<210> 25099
 <211> 269

<212> DNA
 <213> Glycine max

<223> Clone ID: 700906749H1

<400> 25099

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 tccacaactc ttccatcttc attgcttcca agactccctc tcactacctc gcttgggacg 120
 tcggctctgg gagcgggcaa gctgccaaat ctttagctgc aatatacaag aatgtgatag 180
 ccacagatgc tagtgacaat caacttgatt ttgcagccaa gtccccaaat gtgagatacc 240
 aacacacccc ttcaaccatg tcgacggcc 269

<210> 25100
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906750H1

<400> 25100

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 tcgaagatgt ggatggTTTT catgtgtctg acggtgagct tcttcgctcg cattgaatcg 120
 ctatccgtga cgggtgaacga cgtcgagtgc gtctacgagt acgtacttta cgagggcgac 180
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 ggcattgatt tcacggtgac a 261

<210> 25101
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906752H1

<400> 25101

caaattgcag gtacatatgc acaacttggg ggataggaat ggatattaaa gatgatgtaa 60
 aaagggagga ggtgacaaca cttgtgaaag aatgataat cggagaaagg gggaaggaaa 120
 tgagacaaaa gtgtctggag tggaaaaaga aagcaataga agccactgat atgggaggat 180
 catcatataa tgatttccat cgattagtga aggaggttct tcacaatgat gttgtttgag 240

tctttcaata tattgggggt ccgaa

265

<210> 25102
<211> 135
<212> DNA
<213> Glycine max

<223> Clone ID: 700906753H1

<400> 25102

gcgttcttca atttattttc tttctgcac tcatggatgt ctccacacac tctacataga 60

ggactgtcgg agtaacacct tctgatcctc gaaaatcact tccacaatgg ggtcgtcaga 120

tccacaccac acaac 135

<210> 25103
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700906756H1

<400> 25103

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cttactatgg atgacattgt accaatcaag acaggcaaga tagtgaaacc cagacctgtt 120

caggcagcta gcatccctgg catgcttggga atgttccaaa atgaatggga tggattgatg 180

ctatctaatt ttgcattgga gcaacaattg cacacagcaa gacaggcgct gagtcatgct 240

ctgtatcagc atgatgccgc ttg 263

<210> 25104
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700906757H1

<400> 25104

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gttcccatct gaatggatca ctcttgggaa gcacaaaagc ttcttttctt agtgggagga 180

aactgaaggt gaacagtttt acagcaccag ttggagcacg agccagcact acagtgtccc 240
cagttgctga gcctgatagg 260

<210> 25105
<211> 93
<212> DNA
<213> Glycine max

<223> Clone ID: 700906759H1

<400> 25105

cagacacgta cgtacataat taagcagtag tggactaggt agtacgtact ctagtctcct 60
tatttgtcct taattattgg cacacaattc cac 93

<210> 25106
<211> 75
<212> DNA
<213> Glycine max

<223> Clone ID: 700906760H1

<400> 25106

cttcctctga aacaagaacc ggaatggaga attcgaccga agaatcccat ctccgatcgg 60
aaaactccgt cactt 75

<210> 25107
<211> 208
<212> DNA
<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700906761H1

<400> 25107

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aacgaatcaa ccatagtcca ttaccttctt cccgcgctga aaaaccagtg acagtgagtg 120
aggatctaag ctccaatgga agacgaaatg gcgatgggca cttctcccag ttacttcgac 180
cctcacaacc tctcatattc acaacata 208

<210> 25108

<211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906762H1

<400> 25108

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 caagcagcct tgggctcatg agcatgagcc tgtaggcagt ctcttagaag ctgttaaggt 120
 aatcaagcct acagttttga ttgggtcatc aggagtggga aaaacattta caaaggaagt 180
 aattgaggct gtgacttcta taaatgaaaa acctcttgtc ctggctctct ccaatccaac 240
 ttcacagtgt gagtgtac 258

<210> 25109
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906763H1

<400> 25109

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 cgcgcgcgaa gaagcccctg aacggcgacg acgtttccat ttacactgag ctcttcaaaa 180
 ccgaagtttc cgttttcgaa aataagcccc tcggcgacaa cgatgccgct ttgaagttcg 240
 tagagaagat agaccgt 257

<210> 25110
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906764H1

<400> 25110

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 gcaagtgtag atgggagagg accaagcata tgggacacct acactagaca gcatactgaa 120
 aagatttggg atcatagcac cggtgacctg ggagctgatt tttatcatcg atacaagggt 180

gacataaaaa tagcgaaaga aattgggctg gactctttca gattctctat ctcatgggtca 240
agaatattcc caaaggga 259

<210> 25111
<211> 262
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700906765H1

<400> 25111

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tgaaattaga ccgaaattat gttgtgtaaa tagtcagaaa ctatatctca gttattgact 120
atttacacaa cataatttct gaanaaaaaa aaaaaaaaaa aaaaaaaaaa aagggggggc 180
cccccaaat aggctgtcc cccccgggat tattttcggg ggggggttct gggggggaaa 240
cgttttcccc aaaagggggg tt 262

<210> 25112
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700906767H1

<400> 25112

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gctttgtagc acgtgcttaa ggtatgtttt aaacattgct tgtttctttt gttccttttg 120
atgtcatggg ggcattgtga tgcaaatgt gtgtgagctc atactgagaa ggagctcatc 180
tgctaagtcc atttgaagag gatgtatgga agggcatcat caggtcttga taggtttaag 240
aaggctcaga gctt 254

<210> 25113
<211> 264
<212> DNA
<213> Glycine max

<223> Clone ID: 700906768H1.

<400> 25113

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 aaaaacctgc aacatttcat tgggtggtgat aactttgtta agaaagacat ctatatcaca 180
 attaattaaa gcaagaatct tagctttcaa tattatttag caagaggaga atgatttaag 240
 tgaacaagaa gtgccactga cgaa 264

<210> 25114
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906770H1
 <400> 25114

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 caccatatat cacatacagt ctaatttcaa aggatgggta tatgcatgat cctgtaccca 120
 taacagtatc agatcccatc atgatgcacg actttgccat cacagagaat tatgcaatat 180
 ttttggatct tcctttgatt tttaggcttt aggaaatggg gaagaataag aactgatata 240
 tctcatttga ttcaaccaag a 261

<210> 25115
 <211> 260
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906773H1
 <400> 25115

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 ctgttgatta aacagaatgt ataaatattg taaaaccttt tgataccatg tttaattctt 120
 atacataaga attaaacatg gtatcaaaag gttttacaat atttaattct tatgtataag 180
 aaaaattatg atgttaaaaa tctagaaagt gacttgaatc aatataaata aatttgtgaa 240
 ttcaatcaca gtttgaatat 260

<210> 25116
 <211> 268

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700906734H1
 <400> 25116

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 actctgatcc agcgactcct aattaagttg ggaacataaa agacttcaaa tttccaagat 120
 ggctgcaatc tttgcttcca gatgctctcg tgtgagttct atggtaatgg agccctgaat 180
 cttatttttg cggggagggg ggtggagctg gattgttgaa tatgatgcag ccactaattt 240
 ggtcgcactg gtacaattgg cagtaaaa 268

<210> 25117
 <211> 272
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700906703H1
 <400> 25117

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 tagtccaatt gctcacagca acatatccca ngataaggga gaagacagtt accgttatat 180
 gctctctcgt ggagtcagt agttgtgcaa agtggctaatt ttcggaagga gttctgccac 240
 ctctcataag gcttgtcgaa tctggtagtg ct 272

<210> 25118
 <211> 273
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906704H1
 <400> 25118

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 tggctagtc tccctcgagg tatacttgag atggttgctg aaagactgac ctttatcgat 180

tgcttatcaa tcagcaaagt ttgtacaagt tggaatagag ttcttggtga agaacttcct 240
 aggtggcaaa ggcattggatt tccttggtc ttg 273

<210> 25119
 <211> 272
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906705H1

<400> 25119

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 tgcttgctac tgagatgccaa aaacaaggga aacaggctca ggttattcat ggtttgccag 120
 attttgctga tgtttacagc ttcatggaa gtgtttttga tccagacaca gaaggccatg 180
 tccagaagct gaaggaaatg gatcctataa attttgaaac tgttttgttg ttaatgaaaa 240
 acctcactgt caatttgtct agtcctgact tt 272

<210> 25120
 <211> 269
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906706H1

<400> 25120

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 aattacatga aattctgccg accctctttc tetgatcgcg ttccctgcat gccatttgc 180
 aagaatcgcg acaccgcctt cacacgtgtg gaggtttttg acacacgtgt ggagaatcat 240
 gttgaggttg acgttgtaga ggggtgttga 269

<210> 25121
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906708H1

<400> 25121

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 gtgcttgggt tgggtcactc ttcggtgaag gaagcgggtca tgtacccgag cctcagcccc 120
 aggagaaaga aggttgactt gagaattgat gacgtggcag gagtccaagc tctttacggc 180
 tctaaccxaa actttacttt tagttctttg ttgcagtctc agaattcatt aaacgctgcc 240
 gttgggttgg aaacggtttc tata 264

<210> 25122
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906709H1

<400> 25122

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 gagagggaaa aagccagttg tagcaaatgg gtgcaatttg ttcttgggaa gttgggttgg 180
 tgacacgtct tatectctct atgactcttc aacatgcccc ttcatgtatc ccgagtttga 240
 ttgccaaaag tatggaaga , 259

<210> 25123
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906710H1

<400> 25123

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 cagcaagaga cccttcaggg attctctccc catacaccta caatcttaga aacacaggcc 180
 ctgatgatgt ttacattaaa gttcactact gtggaatttg ccattctgat ctccaccaga 240
 ttacccatga tcttggcatg tccaactatc 270

<210> 25124
 <211> 268
 <212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700906711H1

<400> 25124

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gttccaagtg acgaagagat tgttgatggt aagcctcttc aagtttctag agatattgtg 120
catattcctg gtccaaagag gtctaattta agtttgata agcttataat ggaagcaatc 180
actagcttga aggagaatgg tggttctaata aagacagcta ttgcagcttt tatagaggac 240
caatattggg cactgccagg cttaaaaa 268
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<210> 25125

<211> 264

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700906712H1

<400> 25125

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nnatcttagc tattctagct tctgttggtg gaagctaagc aatcatcagt ggaacatttt 120
ctatcataaa ccagagctaa tctctgggtt gttcccaag agttaagggtt gttcatacat 180
ctgacaagat acatgggtcag gtctacatcc ctgaaattaa ttggttactc atgacacctc 240
gcattgctgt gaccattgga ttta 264
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<210> 25126

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700906714H1

<400> 25126

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cttcggggag ttgaaaataa gcgtagatcc ggggattccc gatatagggtc aacctttcga 120
actgctgctg aatccacggg caggcaagag acaacctggt gaactgaaac atcttagtag 180
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ccagaggaaa agaaagcaaa agcgattccc gtagtagcgg cgagcgaaat gggagcagcc 240
 taaaccgtga aaacgggggtt gtggg 265

<210> 25127
 <211> 272
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906717H1

<400> 25127

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 cactgggttcc tggttctatt atcatcgatg gtggttctgg ctattgcaaa tttgggttga 120
 gcaaatacgc atatccatca gggcggttcag caacattttt ggaatttggt aatattgagt 180
 caccaatgta tactaggctt cgacattttt ttgcaactat ttataacagg atgcaggtga 240
 aaccaaataa acaaccagtt attgtttctg tg 272

<210> 25128
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906718H1

<400> 25128

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 ctgttaccaa ctccaaagag aggggacagg tctcatctac acgtgttcgt gaagcccttg 180
 ccgtagggga cctgaagtat gtctcagagc ttttggggag gcctcatcgt ctcatattaa 240
 tggccactga tcaagaaaga ttcagtactg 270

<210> 25129
 <211> 106
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906719H1

<400> 25129

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attgaattgt tgaagagaaa cctgaaacta caatttcacc caccct 106

<210> 25130
<211> 271
<212> DNA
<213> Glycine max

<223> Clone ID: 700906720H1

<400> 25130

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aagaacagga agaagagagg tca²cgtcagc gccggacacg gccgtatcgg aaagcaccgc 120
aagcatcccg gaggtcgcgg taacgccggt ggcatgcac accaccgtat cctcttcgac 180
aagtaccatc ctggtttctt cggaaggtta ggcatgcgct acttcacaa acttcgcaac 240
acattctaca atccgatcat caacatcgac a 271

<210> 25131
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700906721H1

<400> 25131

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gctgggtctt ggggtgaacc ctgcggtgca cgaggtggag gagagtgatg aagtgggtgt 120
tgttagagaa ttggaagcaa ttgtgggtgc caataatgga gggaataaga tgcaatttcc 180
agcagttttt attggtggca aattgtttgg gggattggat aaggtaatgg ctactcatat 240
ttcaggggaa ttggttcaa ttctcaa 268

<210> 25132
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700906722H1

<400> 25132

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 ttggcttgga ggggtgcatct gttgtcatct cttctcgcaa acagcaaaat gttgatgagg 180
 ctgctggtaa actgagagct aaaggaatcg aagtattggc ggttgtttgc cacgtttcaa 240
 atgccaaca aaggaaaaat ttgataga 268

<210> 25133
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906724H1

<400> 25133

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 ctctgatgga gaatatacaa aatcatggtt cacatatgaa gaacttattc aagctacaaa 120
 tgggttttca gcacaaaatt tggtgtgaga aggtggattt ggctgtgttt ataaaggttt 180
 gctgatagat ggaagagaag tagctgtgaa acagctcaaa attgggtggtg ggcaagggga 240
 acgcgaattc agggcagaag ttgatag 267

<210> 25134
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906725H1

<400> 25134

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 aatgggaaga agctgcaaag gatcttcatg tggcttcaaa gttagactat gatgaggaaa 180
 taaatgctgt acttaaaaag gtggaaccaa atgctcacia gattgaggaa caccgtcgga 240
 agtatgaaag gctgcacaaa gaaaga 266

<210> 25135
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 <212> DNA

<213> Glycine max

<223> Clone ID: 700906727H1

<400> 25135

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 accagggttaa caccggtggg ctctcgacca aaccactgt cagggttttc accaaagcta 180
 atcccaattt ctctctcacc attcgtcgcg gccaaagtc tctcgctccc tccgatccca 240
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<210> 25136

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700906728H1

<400> 25136

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 agagcagatc acaggtgtac cacggggtcg aaatgtgcc aagtgaagtc aaggagcttc 120
 tcatggaaat cgccctcccc aacggccttc tccccctcaa ggacatggac gagtgcggct 180
 acgacagaca aaccggcttc gtctgggtca aacaaaagaa gagttacacc cacaagttcg 240
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<210> 25137

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700906730H1

<400> 25137

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 gcttccttga tcattctaag aaattcaacc cagaggacat ggtattacga ataccaggga 180
 agaattgcat tgttactgga gctaactctg gaattggcta tgcaacggct gagggctcttg 240

caaagcgtgg cgcaactgtc

260

<210> 25138
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<212> DNA
<213> Glycine max

<223> Clone ID: 700906731H1

<400> 25138

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gtttcggttt catttcatca agatgatctg tttatctttt tttttttaat tttaatttaa 120
agtctttgta ttttgtatgt aaagatgtaa aattatgatt attaggtggt gcatgtgttg 180
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gtacggctgt gattgtgtaa tt 262

<210> 25139
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<212> DNA
<213> Glycine max

<223> Clone ID: 700906732H1

<400> 25139

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caatcctttc catgcattat tctaccttgt gtttatgttg tcagcctgtg ccttgttctc 180
taaaacttgg attgaagtct ctggttcatc tgctagagat gttgcaaagc agctgaagga 240
acaacaaatg gtaatgcctg g 261

<210> 25140
<211> 275
<212> DNA
<213> Glycine max

<223> Clone ID: 700906702H1

<400> 25140

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ccatcagatg tattctgcat tggcaaccga accaaggtag cgttgtgaac agccaagtcc 120
 tgaatgagat ctgcagtg gcgaaagcc ttaacggcgt caaagaagga agatgcaaag 180
 cctccctcac tttctacaga cccaatgtac gagatcaatc ggtgaccatc gattttcctc 240
 gcgattttct ggggatatcg atgctggagc agccg 275

<210> 25141
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906636H1

<400> 25141

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 cctcccgga cctgggggac catgggggtt ggtcttggtt attgtattgc tgccgcggtt 120
 gcttcgccc agcggcttgt ggttgcggtt gaaggggatt ctggatttgg gtttagtgct 180
 atggaagttg agacgttggt tcggtaccag ctgcctgtgg tcgtgattgt tttcaacaat 240
 ggtggtg 247

<210> 25142
 <211> 172
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906638H1

<400> 25142

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 gtcgccgaca accttccggc gccggaggac acggccaacc tcctcaaata ca 172

<210> 25143
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906642H1

<400> 25143

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 attcgtcgtt gtccaaagaa caggcaccca tgcacagcac gctaccccaa tgccacagaa 180
 cccccccac ctccccgtgg atcagaactc caggatgggtg aaaatgatct gtggatccgc 240
 agaacacaaa g 251

<210> 25144
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906647H1

<400> 25144

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 taagctcgaa gttgaagcat aagca 85

<210> 25145
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906648H1

<400> 25145

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 aaagatgttt gaatgtggtc ccaagtcaga atacatgggt gccagcggg aaaatttttt 120
 gaggttggag gccttggatt ctacactatg ttcattccact gatgccggag ttataaaatc 180
 tggatttaat attgataaat taagccatgg tcatggaagc agcacaactt ctaggtcttt 240
 caaaagggga atgag 255

<210> 25146
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906650H1

<400> 25146

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 ttctctcaca gccattgatt ctccatggac gaatcggagc aataccgaa ggagtattac 120
 cctaacgattc aaacaatcac cagaagagtc tctcgtcct cttcgacgac cagcgtccac 180
 gtgacagccc tagacggcct ggtgaacgtc aactccctct tcacaatcgc agtggtcgtg 240
 ggctctctc 248

<210> 25147
 <211> 87
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906655H1
 <400> 25147

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 acaatggggtt atcttatggc aggatgg 87

<210> 25148
 <211> 78
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906658H1
 <400> 25148

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 attgagtatt gagcatgg 78

<210> 25149
 <211> 237
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906659H1
 <400> 25149

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 ttgcgttggt gtgtcgacgt cgcctctccc ctccgtcatc gtcaaactaa tgggtgtgat 120
 tgtttcgttt ttgggcgtct tgtgtttgat tttgggagtc atagctgaga acaaaaagcg 180

tggtggtgga atgcccgtgc ccgtgaagga tggtgtgaca tgcaagttgt cagccga 237

<210> 25150
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906662H1

<400> 25150

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 tcttggttga attggaggtg gttagcttgc ttgatctttg ttttaaaatc tgaaaaatca 180
 aggcagaaag atactgtcag cttctgtgta tttcatcatt tggatgataa aataagtcac 240
 atttgataca 250

<210> 25151
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906664H1

<400> 25151

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 gagggagggg gaagatgacg acgacaaccc tgaagatgga gaagttttac gcgctgttaa 120
 ggagcttccg agacgcgcgt gatcggcggc gaagggaggt ggaaaaagaa aaacacgaga 180
 gccgccacag ctggaagaag atgaagacca ccgccgcaac aaccaaggac aataaatcac 240
 aagtttcttt tgaatttca 259

<210> 25152
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906667H1

<400> 25152

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ctttccttgc ttgcaaattg tgtagatttg ttgttggttc attatttgtg gatttcagat 120
 tcatttttag taggtttttg gattgaaggg cacattcctg ctgtcccctt aacgttggtc 180
 aaaaagcttt gcctaaagat ttgtttccc cctcaaaaac aaatgcaaaa gccattgtat 240
 gaa 243

<210> 25153
 <211> 239
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906669H1
 <400> 25153

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 aaagaccagt ggggcacgta agatcattga agaggctggt ttggatgggc atttggggct 120
 tgcatttgct atcatgtatg agagaagctt ggatggggac tctccttttg ctggctacct 180
 tcaactcttg cctcaccaag agtgtgtgcc aattgtttgg accctcgatg aagtaaacg 239

<210> 25154
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906670H1
 <400> 25154

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 atgctgctcc ttactttctg atttcaaggg cttaaaccct aaaaaggacc cacggcgaga 120
 agcttccaac tctctctca cgagcggatc tccacctccg 160

<210> 25155
 <211> 170
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906672H1
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gttctcgtca ctggagccgc agggcaaatt ggatatgtc cacgtcccta tgattgctag 120
 gggagtgatg ctgggtcctg accagcccgt gatcctccac atgcttgaca 170

<210> 25156
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906674H1

<400> 25156

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 tatattacac cactgcaaaa tccactgcag cagagatcat tgttcattat cacagaaatg 120
 ggtgaagaga acaaggaaga agaaaggaaa gaagagacca cagaggaaaa gaaggaagaa 180
 gagcaaaagg atgaagagcc cccagagata gtactcaagg ttgatatgca ctgtgaagct 240
 tgtgca 246

<210> 25157
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906676H1

<400> 25157

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 tcttggttga attggacgag gcccatTTTgc ttgatctttg ttttaaaatc tgaaaaatca 180
 aggcagaaaag atactgtcag cttctgtgta tttcatcatt tggatgataa aataagttct 240
 atttgatac 249

<210> 25158
 <211> 135
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906677H1

<400> 25158

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 agcacaaggc cacat 135

<210> 25159
 <211> 249
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906678H1
 <400> 25159

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 gaagcgtttg tgagggaatg cagaatcatt tgaaaaggga gaaaatgtta agttcttcat 120
 agaagggaat cacaaaactc aaattttctt gggcggacat gaagtggaag cagcttggtc 180
 gctggaatct tgctctttcc agcttctgaa actatggccc acatttgagt agttactaaa 240
 ggagctgca 249

<210> 25160
 <211> 253
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700906680H1
 <400> 25160

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 agtgaatcag tgaacaaggc tccaccagtt gggatcaatca agttgaaggt agcttcagag 120
 gtttctgaag cattatcact gggctcgtgct gttgttgctc ttgaatctac cactatttcg 180
 catgggatgc catatcccca aaatttggaa actgcaaaga cngtggaacg tattgcaaga 240
 gagaacggtg cag 253

<210> 25161
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906681H1

<400> 25161

acagtattct tttttattgt gtttttcttc tgcagagaag agtccccccc tccccccgc 60
 tggcgaaggc ttgattccct gtttcaatcg cattatcggt gagaaaatcg tccctcactc 120
 caagacaagc gccggcattc tcttccctga gaagtcctcc cagcttaatt ccggttaaggt 180
 gatagcgggt gggcctggat cacgtgacca ggcagggaac ttgattccgg tgtccgtgaa 240
 ggaagggtg 248

<210> 25162

<211> 233

<212> DNA

<213> Glycine max

<223> Clone ID: 700906683H1

<400> 25162

ctgaaatggg ttctttacaa gaaagaatca gttctaccac acaacggcca ccccccttcta 60
 ttcacacagt ttatgtaccc gcacacgatt taaccgatcc tgcgcctgct acgacatttg 120
 catctttaga tgctactact gcactatcaa gaggattagc ggccaaaggc atctatccag 180
 cagtagatca tttagattca acctcaacta tgctccaacc tcgaatcggt ggc 233

<210> 25163

<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700906685H1

<400> 25163

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 tatgcgctat gcaacacagt gccatggaag cctccaaatt cagtaacagt gatcaaaacg 120
 ttcgatgcca taactgcgca ggaccccttt ccaaagacat ggaaaccagt cactggaccg 180
 cttcgcctct cattagggat agcttctcca tgattggttc tgccgttggc ggcgtggcaa 240
 gtg 243

<210> 25164

<211> 245

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700906690H1
 <400> 25164
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 ggaacgttac acagtagaag atgcatatga aattgtcaac ttcgacaaaa tgagacgcat 120
 aaatgtccac gcaccagtgg atgtccctgg tcatgcagaa tcatgggggtg ctggatatcc 180
 tgatgtttgg ccatcacctt actgtaggga gccacttgat gtttcaaaga actttacttt 240
 tgatg 245

<210> 25165
 <211> 247
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906693H1
 <400> 25165
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 gccaccgcgg cgcagatagg cgagggaaca tacggcgctcg tttacaaggc tcgcgaccgc 120
 gccaccaatg agacaatcgc tctgaagaag attcgctcgc agcaggagga cgaaggcggt 180
 cccagcaccg ccattagcga gatttctctt ctcaaagaga tgcagcatag gaacattggt 240
 aggttgc 247

<210> 25166
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906635H1
 <400> 25166
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 attgggacaa aagatacgag tttccttgag ttttgcttga agcaatccag atcagaagct 120
 gagatgcttc ttatagaaaa ccttggatca tatgatcctg accacgaatt cattgataaa 180
 ttcctcaatt acaaggagtt gttaccatca gatgttttgg acatagcttt tcagagtagt 240

aggaatga

248

<210> 25167
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700906695H1

<400> 25167

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gtgcatttca atccacattg gtcaggccca catccaggtc ggaaacgcct gctgggaact 120
ctattgcctt gaacacggca ttcagcccga tgggcagatg ccgagtgaca agaccgttgg 180
aggaggagac gacgccttca acacattctc cagctacacc ggcgccggaa agcacgtgcc 240
tcgcgccgtc t 251

<210> 25168
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700906696H1

<400> 25168

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caagtctaac ctagtgggtca gttgctattg cctttgccag agccgtcaca ccgatcgcta 120
gagttgccgt cgaaattgtc attgtttgac tggtattttg ttgttttcac ctaaagattc 180
cacttctact ttttcctttc ttggtgtag tttggggggt tttcaatcct ccatttacgc 240
aaatatagac ggt 253

<210> 25169
<211> 235
<212> DNA
<213> Glycine max

<223> Clone ID: 700906701H1

<400> 25169

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gtggacaaac tcgtgaacat gtccagcttg caaaaacgct ggggtgtgtct aagcttcttg 120
 ttgtcgtcaa taaaatggat gagcctacag tgcaatgggc gaaagaaagg ttctctgact 180
 ttctcactcc acacaacata cgagtttgcg aaatggggat atgctgagat acctg 235

<210> 25170
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906575H1

<400> 25170

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 caaaacgaat ctatctgcgt atctttgcgc tgctcctctt catttccgcc tcttcgtttc 120
 accttctccg cgctttcgat gacgtgatct tttacgcgctc gttcgacgag gatttcgaag 180
 accgttggat tgtgtctcag caagatgagt acaatgggtgt ctggcaacat gccaaagagt 240
 aggg 244

<210> 25171
 <211> 95
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906576H1

<400> 25171

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 accttcatct caacttaatc cccactatct tttct 95

<210> 25172
 <211> 208
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906577H1

<400> 25172

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 taaaggggac tatggaggtt atgcagaaga atgtgttga tatcaacagc atcaccagtg 120

ttgacgggat cgctggcacc ggcttagact tcttaggcag tgcactcgat acagttactt 180

ttttagcctc ctccatctcc acacaaca 208

<210> 25173

<211> 75

<212> DNA

<213> Glycine max

<223> Clone ID: 700906578H1

<400> 25173

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<210> 25174

<211> 242

<212> DNA

<213> Glycine max

<223> Clone ID: 700906579H1

<400> 25174

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cgcgagagatc aatattttat ctagggtccat cgctgatagt cgatacgagt caccaaaggc 120

aatgtttttg tgggattggt tttatgggat tctagcgctg ctcgggctgt ggcagaagga 180

ggccaagatc ttattcttgg gctcgataa cgctggcaaa actaccttgc ttcacatgct 240

ca 242

<210> 25175

<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700906580H1

<400> 25175

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ttgaaatgga atgcagcaga gtggggagat gctggctgac ccaatgtttt tgaacgaatt 120

ttttcaccaa tcagtgagga ggctgacatc atgactcaac tggctgcaca tcaagagact 180

caattaagta cagatcacga tgagtttctg ggaaccaaac aaaggcatga tgatagtaag 240
tta 243

<210> 25176
<211> 131
<212> DNA
<213> Glycine max

<223> Clone ID: 700906584H1

<400> 25176

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gcatgatagt gctgaaacca ttcgaagagc tcttaacott gcgtgtcaat gttgaagatg 120
attcactggg t 131

<210> 25177
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700906585H1

<400> 25177

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tgggatattg actgcaagct ttttgccctg acacttgatg attgttccat caatgatgac 120
atcactctta gaatcaagga gcgagtttct gacaaaaggc cttttttaag tactcggcaa 180
ttacttgata tacgctctga agcacatctc ataaaatcca atgctcaaga tgcaatggac 240
gcattac 247

<210> 25178
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700906587H1

<400> 25178

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agttgtttat acgggtcaact aattaaaaat cacccttaat tttgaattat tatattttat 120

atcaaactca ttgttttaaa atattttcat attgcataat ttcctttatt tttataaata 180
gcattggtatt ttgtaataata caaaatctta ggtcataaaa caatatttat tgtctaaatt 240
cgtga 245

<210> 25179
<211> 251
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700906589H1

<400> 25179

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gtgaagtttc tggaagcttg ttctcgttcc gagtcacttg aggttggtga ctatctgaaa 120
gctgttgaca ccttgattgg taccatgttt gggtttgaag acgtgcagag gttcttggtg 180
caaccctcaa atgaatgtcg ctgattgaac ttnnngttgg ggctacacta tttgcttaca 240
cacacatatc g 251

<210> 25180
<211> 241
<212> DNA
<213> Glycine max

<223> Clone ID: 700906591H1

<400> 25180

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aatgatttta ttgttccaat gtcttcccaa tagtcattga aaaaatacgc ttggacattg 120
ttttccctca ctgctgcagg aatgatttca gatccaaagt cattggatgt aggatatctc 180
catttcagaa gcttgagtaa aacatctgtc ttgaatacat aaacccccat agatgcaata 240
t 241

<210> 25181
<211> 244
<212> DNA
<213> Glycine max

002220-ETTC560

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gggcatgcag gttggatccg gggacacctc ccaagggagc gccactccca acgaccaacta 180
ctgctggatg cgtccccgagg acatcgacta cgaccgcccc acccagacct gcaccacatg 240
ctccgattt 249

<210> 25210
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700906533H1

<400> 25210

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tgctgtggtg ttgttgaga aggtgacact ccggctccac tcaagcccac tctcgcccc 120
tccagggccc ggagtttga catcttacct ttaaaatata tcgccgacat gcccatgccg 180
ccgccggagg ctttacggaa gcgtcccaag ctcaacctca gggactgcga taacgcaatt 240
gaaaattgcg acg 253

<210> 25211
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700906534H1

<400> 25211

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agggacttgt agtgctcct gagcctctgg taggtcctgg tccctccggt cctcggtga 120
gcacaaatgg gagttgtgtt gatccctcag gaagcgatcc taagacgggt gactctgaca 180
ggtgcccgtt gtacatagaa gtagatcctg cccgcctggt tgccgtgggg agagtttatg 240
agggatccac t 251

<210> 25212
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700906536H1

<400> 25212

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 gaaggatatc tcacccttgc tcgtgatatt gaagtcattg agcccaagtc ccctgaggat 120
 atatacaagg cacatttgct tgatggccgg gctagtgtgt gtgcaagtgt tgattcagct 180
 agacagaacc ttgctgcaac ttttgtaat gcatttgtaa atgctggctt tggtcaggat 240
 aaattaatga ctgttc 256

<210> 25213

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700906537H1

<400> 25213

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 cctcgtcgct cccctagcta ttctccttat agaagaagct atagccggtc tccctattct 120
 tcagaccgaa gtaggagtcg ttcttactct cctgactata ggaggaggaa gtcaaactat 180
 ccatatcact ctaggcgaag gtcatactct ccatactaca gccggtacag gtcttattct 240
 cgatatgatc gaca 254

<210> 25214

<211> 100

<212> DNA

<213> Glycine max

<223> Clone ID: 700906540H1

<400> 25214

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 tgtttgaaac ataaaaatgg tttaaatctt ttgccatggg 100

<210> 25215

<211> 160

<212> DNA

<213> Glycine max

<223> Clone ID: 700906543H1

<400> 25215

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 cccctctcgt cgtacttata cctacgacgc cgttcgatgt cgacctcgtc ggagcccctc 120
 accgtggaga cctcgggtgcc cttcacctcc acacaacata 160

<210> 25216

<211> 79

<212> DNA

<213> Glycine max

<223> Clone ID: 700906545H1

<400> 25216

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 gaagccgcag gagaaagga 79

<210> 25217

<211> 235

<212> DNA

<213> Glycine max

<223> Clone ID: 700906549H1

<400> 25217

ccctaacgga gcatgtggtc gcatagctaa atcttacttg aagtacacta cttaaagcta 60
 gagtatgtgt tgtagttata tgtgtcttaa aattgttatg cctaccctat cacaataaat 120
 tattattata ataagagagt atgttgcttg atcatatggc tacaatttgt aagtgatgat 180
 taattaccaa taatcgaatc tttggtaata tatatttaaa aatcaatatt atatt 235

<210> 25218

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700906552H1

<400> 25218

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aggggtgaaga agttcaagag gcctcagagt gacaggaaaa tttctgtcaa gacaaactgg 120
 cgcagaccaa agggatatga ttcccgtgtt aggagaaagt tcaagggatg cactttgatg 180
 ccaaacattg gttatggttc agacaagaag acccgccact atctccctaa tggttttaag 240
 aaatttggtg ttcac 255

<210> 25219
 <211> 216
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906554H1

<400> 25219
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 tgcccttgtc atgcttcaag agggctactg gccaggattt ggccctgcat gcatgcgccg 120
 ggggtgctcc tctcacattg ctgactccc ttctacctcc agagtgggtc gatcgccctgc 180
 agagtggcct ttttcgcat gatgttaccg cctgtg 216

<210> 25220
 <211> 83
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906555H1

<400> 25220
 aaagaaggcg tcttcataaa cgcctttctt ctccgtttcc gtttcctcgt tcgaattcgc 60
 tttttgatct gcgaaaatga gag 83

<210> 25221
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906556H1

<400> 25221
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 cattctatcg gcatggctca ttgtgacttg ttcattcaaa gggcatataa cttccaaaac 120

acagggaaac acgaccctac ccttaccgtc gaagcggttg aggaattcaa aaaggcatgc 180
 cccaatgtta atacacctaa gtacaggaac cccctgtca actttgatgc aacaccaact 240
 gtgcttgata a 251

<210> 25222
 <211> 144
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906558H1
 <400> 25222

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 cttacttcac attttctctgc gctttgtgcc aatacagtca gcacctgaaa gtgccattgt 120
 gacacagatt cctgggttca gtgg 144

<210> 25223
 <211> 246
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700906559H1
 <400> 25223

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 gtcgccgtcg attcgcagtt gtcgctccga tttctgagct ccgatgcggc agcgattcgg 120
 tctcggataa ttgaaccgaa gccagtgcg atgacccta attccaagcg aactgggctc 180
 atanccgtga agtgtggaat gagcgctcta tgggataaat ggggagctag cattccaatt 240
 actgtg 246

<210> 25224
 <211> 246
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906561H1
 <400> 25224

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 aggtaatgac tccaaaccca gattgtgcat cagtagatac aacgatactg gattctctgc 120
 atatgatgca tgatgggaaa ttcttacatc ttctgtggt agacaaagat gggatatgag 180
 tggcttgcat ggatgttttg cagataactc atgctgcaat ctccatgggt gagagtagct 240
 ctggag 246

<210> 25225
 <211> 254
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906514H1
 <400> 25225

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 ccagatcttt gacagtcgtg gcaatccaac cgtcgagggtg gatttgacat gctccgatgg 120
 tacttttgct agagctgctg ttccaagtgg tgcattccact gggatttatg aggccettga 180
 attgagagat ggaggatctg actaccttgg aaagggtgta tcaaaggctg ttgacaatgt 240
 gaacaccatt attg 254

<210> 25226
 <211> 121
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906566H1
 <400> 25226

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 tagaaacgaa ggaaggagta acatacaatg gaggttcaat ttgccctccc attccactaa 120
 c 121

<210> 25227
 <211> 102
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906569H1

<400> 25227

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accagttttc tagtttacat gaagaggttt caataccaca ca 102

<210> 25228

<211> 71

<212> DNA

<213> Glycine max

<223> Clone ID: 700906571H1

<400> 25228

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cagagtttac t 71

<210> 25229

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700906572H1

<400> 25229

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acagcttgac cgagccaaaa aatccacaaa gtctgcagtt ctaatgaatc tggaatctag 120
aatgattgca tcagaagata tagggaggca gattttgact tatggagaaa ggaagcctgt 180
ggaacagttc ttgaaggctg tagatgaaat cacgttgaat gatatcacta aaattgctca 240
aaagatta 248

<210> 25230

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700906474H1

<400> 25230

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cgatgtcatg ctgtttggtg ctagtgactc atacagcgga gacaagataa tgcagataac 120

agtggcattc aaccaattcg ggcaaggact ggttcagagg atgccaaggt gcagatgggg 180
tagcgtgcat gtcctcaaca atgactacac ccactggatg atgtacgcaa ttgggtggaag 240
ctcagggcca acaattctga 260

<210> 25231
<211> 79
<212> DNA
<213> Glycine max
<223> Clone ID: 700906475H1
<400> 25231

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gatcagggga gtcatttcg 79

<210> 25232
<211> 261
<212> DNA
<213> Glycine max
<223> Clone ID: 700906476H1
<400> 25232

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ttgctccctt ctcttctct tctcttctct ctccaccctc cacatagctt ccaccctctc 120
aacccccacc aattcatca agtcctctctg cagcaccacc cagtaccag ccctctgcat 180
ccagtcctct tccgtctacg cctccaccat ccagcaagac ccccacgagc tcgtccagac 240
agccctctcc ctctccctca a 261

<210> 25233
<211> 260
<212> DNA
<213> Glycine max
<223> Clone ID: 700906477H1
<400> 25233

caacaacaaa ttacaacttc aaataaaaca gagcatctct ctgctcttct ctgttctgtt 60
ctgttctgtt ctgttctct ctctcccca tatattctc ttcttcttca gaactcagaa 120

<223> Clone ID: 700906592H1

<400> 25181

gctcgagact agttctagga aagaagaaat aaagtgggtg agaaaattca tcaatcagca 60
 attaaaataa ccaaaacacg aggtgtcaag ctctctgatt tccgtgtcat caatcaggat 120
 ccaccagcca tttctgatga agcagtcac aaggcagtag agactgcaac aaaagaacta 180
 aacttgacaa gcaagttgat gattagtaga gcctatcatg attcattggt tatggccagg 240
 ttgt 244

<210> 25182

<211> 241

<212> DNA

<213> Glycine max

<223> Clone ID: 700906596H1

<400> 25182

cgtcttctct ctcagcttcg caatcgagc tgcctatta aaacccctcc tctcctcct 60
 cctacttccc cgttcccttt caccttcagc aaccgcgaac cactcactac gctgcgccct 120
 acgtcgccgc cccctccgtg caaatccccg ctctccagc cgtcggcccc gttgcgcccg 180
 cccctgtacc cggcgtatac tccgccgtgc cgcaatatca ggacacagcag ttatttgaga 240
 g 241

<210> 25183

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700906603H1

<400> 25183

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 aagtcacgat taaagcaaata acagtttatg gtgcattgag cggttagag acattcagcc 120
 agttgtgttc tttcgattat acaactaaaa cagtaaaaaat atacaaggca ctttgttcca 180
 tccaagataa acctagattt gcatatcgtg ggcttatgct ggatacatca aggcactatt 240
 tacctattga t 251

<210> 25184
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906605H1

<400> 25184

tggtgatcga gataactaga aacagtgtga tgaaaatgaa ggtccttggt ttcttcgttg 60
 ctacaatttc agtagcatga caatgccatg cgtacgatat gttccctctc cgaatgaaca 120
 ctggctatgg tgcccgact ccggaggtga aatgcgcaag ttggaggctt gctgtggaag 180
 cacacaacat ctttggttt gagaccattc ctgaagagtg cgctgaagca acaaaggaat 240
 acatccatgg cg 252

<210> 25185
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906610H1

<400> 25185

cagagaaatc cataccagta acgaacaaag atggcgaaaa tcttacacct gcaaaagctg 60
 aagttcctga caacgagttt cacaagcgca taagaccaga gggtatccct gcaaatgaga 120
 taggggttac atttgcagat attggtgcgt tggatgagat taaagaatca cttcaagagc 180
 tggtaatgct tccccttaga aggccagacc tcttcaaagg tgggcttctg aagccatgta 240
 gaggtatatt gcttt 255

<210> 25186
 <211> 106
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906611H1

<400> 25186

gaagacattc tcagtttgtgt tgtctgacaa aacgaacagc aattgggagc agatgcaaga 60
 tccatcttca aaccctaatt ccaatccaaa tcccaatacc cacaac 106

<210> 25187
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906612H1

<400> 25187

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 gctccaattc tgctagttct tctgactttt attctctgtc ggggtgttca agaatcgtct 120
 gttgtgaatt ctcttatgac agtgaccaag ataatcatag ttatcattgt catttttgct 180
 ggagcatttg aggttgacgt ttccaactgg tctccctttg ctccaaatgg tttaaaagcc 240
 atatttacgg gagcta 256

<210> 25188
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906613H1

<400> 25188

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 gggagctcct caacatcgaa cctctcgaac tcaagttccc ctttgagctg aagaagcaga 120
 tctcatgttc tcttcaattg tccaataaga ccgatagcta tgtggccttc aaggtgaaaa 180
 caaccaatcc gaagaagtac tgtgttcgtc cgaacactgg tattgtcacg ccacgatcta 240
 cgtgtgatgt tatcgta 258

<210> 25189
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906615H1

<400> 25189

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 agagagcgca atggaaggta tctcagtggg tttgaagaag tattggagaa gaagcattag 120

gggataccca agattacacg tctcggatcg gcgaaagaag gaaacgggtc agcttggagg 180
 cagctagaga aggaggagat ggcgcataaa gttagctcgt aagatcagaa ttcccaaaat 240
 ctcttctcca aag 253

<210> 25190
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906616H1

<400> 25190

gcacaagatt gcaaaatgaa gttcaacatt gcaaatccca ccaactgggcg ccagaagaag 60
 ctggaaatcg atgacgacct gaagcttcga gcatttttggg acaagaggat ctcccaggag 120
 gttcttggtg atgctctggg tgaggagttt aaaggatatg ttttcaaaat caccggtggg 180
 tgtgacaaac aaggattccc tatgaagcag ggagtgtctga cccctggctg tgttcgactt 240
 ttgctccata gaggaact 258

<210> 25191
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906621H1

<400> 25191

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 acaagggtggg gtcttactgg ttctccaaga aggccagcaa ggaatttaac tctgtcggcg 120
 atgatatcaa ctcaactgtca accagtattg aagggggaac caaatgggtg gtcaacaagt 180
 taaaaggaaa gatgcaaaag gcattaacag agttgctaaa ggagtatgat ctacccatag 240
 gaatcttttc tc 252

<210> 25192
 <211> 58
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906624H1

002220"ETTF560

<400> 25192
ggacgagacc accatgccct taacgttcac cgaccacgtc agctggttcg acgcctcc 58

<210> 25193
<211> 82
<212> DNA
<213> Glycine max

<223> Clone ID: 700906625H1

<400> 25193
ccggcgtcac aactcactca cgagcggggc caacctcgca cactattcag tggctagagg 60
cccttgcttg gtaagcacc gt 82

<210> 25194
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700906573H1

<400> 25194
gccacaacac gacgtcgtgt ggtttccaat accttctacg ttttgaattt ttacgagaat 60
tgagatggcg aacgagaacg aaccgcgaa gtgtttgtta ccataccttc aacgcgccga 120
tgagtcacaa aagcacgaac cactcgtcgc ttattactgt cgattatatg ctatggaacg 180
ggggctgaag attccgcaaa gtgagcgcac agagaccact aatgctcttc tggtttcgct 240
catgaa 246

<210> 25195
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700906626H1

<400> 25195
gggattgtgg caaatttcta tagcctacat tcatggatga gtttggttt tgtatccctc 60
ttcggatccc aggtatttgc ttcttcatga tccttgataa tttcttagta aaatattacc 120
tcttgtgttt ttatagaaac taaagcatac aattcacacc accaaagctc atatgaagtt 180

cctgcaaatg aaatttcatg aggagttctc caatctaggt aatattttgc ttatgattaa 240
 tttatttaag ttc 253

<210> 25196
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906627H1

<400> 25196

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 ttttgctcca aaccgcccctc tgattcccga acccaatgac ttctccgctg gtggcggagg 120
 gcgccgcggt cacggcggtc cgatcgggtga tgctccgggt gcagcaggcg gcggagagat 180
 ccgggtccaa acccgaccgg gtccgggtcg tggcggtttc caagacgaaa cccgtcactc 240
 tgattcaaca actct 255

<210> 25197
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906628H1

<400> 25197

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 agaaggaaaa agagcctcca gagatagtgc tcaagggtga tatgcactgt gaagcttgtg 180
 caaggaaagt tgcaaaagca ctgaaaggat ttgaaggagt ggaggaggtg actgcagata 240
 gcaaggcaag caaagtgg 258

<210> 25198
 <211> 84
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906631H1

<400> 25198

gtgacctacg gcaccattgc cccattgggt gtcccccaac agggatatcca catcaatggt 60
 cagtttcccg gccccgaaat caac 84

<210> 25199
 <211> 262
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906632H1
 <400> 25199

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 ccatttttgt cttccacaca cactctccta tactgtttca atttcaaacac tctcattatc 120
 ataagattcc caccgaaaaa cctctcacac catggtttct cgccatttgg cttcttcgtc 180
 ttctctgtgt ttctctgttt cgagatctct gtttcgtccc ttcgattgca cggtttggac 240
 caagacgcca aggccacgca tg 262

<210> 25200
 <211> 250
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906515H1
 <400> 25200

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 tgttgtgggt ggtcatgcag tgaatgggggt tgcagagata catagtgaag tagtaaaaga 120
 tgatgttttc aatgcatttt ataagtagtg gcccgagaag ttccaaaaca aaacaaatgg 180
 tatgacacca aggagatgga tcaggttctg caatccagat ctgagtaaaa taataaccga 240
 gtggataggt 250

<210> 25201
 <211> 254
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906516H1
 <400> 25201

002220 CT.FE560

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 tctcgcggat ctaatattaa ggaatagctt aagggcacat tacaatgaag gcattgattc 120
 tggttggggg atttgaaca aggctgaggc cactgacact cagtttccct aagcctcttg 180
 ttgattttgc taacaagcct atgattttgc atcagataga agcccttaag gccattggag 240
 tgactgaggt agtg 254

<210> 25202
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906520H1

<400> 25202

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 tgctcttggt agtagagaag cttcaagagt tacgctccat aagaatacaa aagttgaaaa 120
 aacaaggcca ttttctcca gaggaggatg acaagtttct tgagaaagtt caagctgctg 180
 tggaagaaga ggagcgtgaa gctttggctg cagttgaaac agatgctgct aaagatgcaa 240
 ttgcaactgc tgaggaat 258

<210> 25203
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906521H1

<400> 25203

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 atttggtat tattttgtgat accatgactt atcgagggca tttgatggca attacacgtc 120
 taggtatcaa acgtaatgat actgggccaa tgatgagatg ctcatttgaa gaaacagttg 180
 atattctgct tgatgccgca gtatatgctg agcatgatta cttgagggga gtcactgaaa 240
 acataatgtt aggtca 256

<210> 25204
 <211> 256
 <212> DNA

<213> Glycine max

<223> Clone ID: 700906525H1

<400> 25204

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aagatgtttg ggagggcacc gcagaagagc gataatatga ggtactacga aatcctcggc 120
gtctccaaga acgcttcgca ggatgatctg aagaaggctt acaagaaagc cgccattaag 180
aatcaccccg acaagggcgg tgatcccgag aagtttaata agctggcgca acttatgagg 240
ttctgagtga ccctga 256

<210> 25205

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700906526H1

<400> 25205

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tttgagaatc tctctctcat tctctctcta ttttatattt tctttcacgt caattagggc 120
ctattttgct ggcgtgattc tgaaggcttg gatctggata tcttctttgc ttctttgcta 180
tggaagactc ggattcagtt gctacactga tagattctac tacttctaag atacaacagc 240
tgcagaaggc atttgct 257

<210> 25206

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700906528H1

<400> 25206

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tatgcttttt ctaatgtcct aattgagatc caggacacac tgaaatcaag cccacctgag 120
aacaaagtca tgaagagagc aagtttgatt ggcattatga ctacaacatt gttttatgta 180
ctatgtgggt gcttaggcta tgctgcattt ggaaatgatg caccatctaa tttcctcaca 240

0053413.032200

ggattcggc

249

<210> 25207
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700906529H1

<400> 25207

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gcatgctaca aaagcataag gggttgtcag atccacttga tgtggttgca ggagagattt 120
ctgatgatgc aattttatta tgtcttgacg aatttatggg aacagatgta gcagatgcat 180
tggtactaaa tcgcttggtt agacatttgt tcaacaaagg catacatcta gtggccacat 240
caaatcgtgc t 251

<210> 25208
<211> 258
<212> DNA
<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700906530H1

<400> 25208

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ttctcngnta caattcctcn tttagatctt gtccagnagn agnatgaatt ttggctacct 120
gtttctgcaa tggatgcggt agctaagatt gtagaggttc ctcccatagc ggtgtatgag 180
gttgccacat ttactccat gttcaatcga gctacggttg ggaagtacca tctgttggtt 240
tgtggaacaa caccttgt 258

<210> 25209
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700906532H1

<400> 25209

cgagtacagc ggcaagtacc aggctgcggg tgaattgggt cacgttaagg atctcataaa 60

<400> 25236
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cacgttgaag ggggctttgg ctgatctcat ctcaaccttc atcttcgtgt tcgccggctc 120
aggctccggc atcgctaca acaagctcac cgacaacggg gctgccaccc ctgccggcct 180
catctccggc tccatcgccc atgcattcgc cctcttcgtc gccgtctccg tcggcgccaa 240
catctccggc ggccacgtca accccgc 267

<210> 25237
<211> 275
<212> DNA
<213> Glycine max

<223> Clone ID: 700906481H1

<400> 25237
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caccaccttt tcacctgggt tacgatgctg aagctcttag aaaagctttc caaggatggg 120
ggaccgatga gaaaaccgtt attgcaatac tgggtcatag aaatgttcat cagatgcaac 180
ttatcagaaa ggtttatgag gaaatttacc aagaggacct cattaaacgc ctggagtctg 240
agctctctgg tgactttgag agagctgtgt accgt 275

<210> 25238
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700906483H1

<400> 25238
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gaatccaacc tccaccatct gattttgtcc aaggcagcaa ccaatgcagt gatggaaaca 120
gttgatccag acattactgc cacatgcaag gacctaggag ctgtaaaaaa ggtttatcag 180
cttgctctat tatgcacaaa gaggcagcca gctgataggc cgacaatgca cgaagtgaca 240
cgtgtactcg gaagccttgt gctgtcaa 268

<210> 25239

<211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906484H1

<400> 25239

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 cattgaggta tggaacccaa gtggccaata cagagttgtc agcaccaaac caatgcctgg 120
 aactcgttgg atcaatcttc tcattcaaaa tgatgttcgc cttgaaatat gtaccgagaa 180
 gaaaacgatt ttgtcagttg aagacatcat tgctttgatt ggtgataagt gcgatggagt 240
 tattggacag ttgactgaag actg 264

<210> 25240
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906485H1

<400> 25240

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 cattctggct tctatgtccc cggttctgga gaacttgata gatcgccac gtaagcatcg 180
 gagtccgag agaataatcc aaatccacgg cgtcccctgc gacgtgtca ccgccttcgt 240
 ccgattcctc tactcc 256

<210> 25241
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906486H1

<400> 25241

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 attgcattcg cagcatccat cggtagtcca gaagttatct ggacagtctt atcttgtgtc 120
 caggcttgct cctaatact ccagaaactg ttctaccact ggtagtatat tcaatggagg 180

tttgcagtct tcaggttttg ttccagtcac ggcacacgcg ccggctgaga aaggggtgtc 240
 tggatttttg ttgga 255

<210> 25242
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906487H1

<400> 25242

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 ttccggctcca caaactttcc gttccaaggt aatctccaag agcaacgttg ttgatgatat 120
 ggtcaacagc aatgccatcc tctatgagcc tggatgaacat ccagaccatg ttgttggtat 180
 taaggtaaatt tttgtttcac ccatTTTTCT gtttctttct cttgtcaggg ctttgattat 240
 tctatctgct ttgttg 256

<210> 25243
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906490H1

<400> 25243

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 gtgatggatg gagacagtga ggttgggtgct agagtgaaga agaatcacat ggagtggaag 120
 aaaactggga gcagtcctaa tttaatgaat ggttacatgg ataggtttgt ccaaaatctt 180
 caagatTTTt cTctccatgg gtgattgaag gatTTTTTtC agagggatgg aattcatcgt 240
 ttgcccacca aatgaaa 257

<210> 25244
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906491H1

<400> 25244

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 aggagcaggg tgggaatgat ggtactgatg tgcaggggat tgggcagcaa ccacatgggtg 120
 gagttgttgg gagtgtcggg aatgaggggt tggtagaca aggtcaaggt ggtggaggag 180
 gagcagggaa tgttaatagg gttggtggaa atgggttgg gaatagtgtg agtactgtta 240
 atagtgttaa tactg 255

<210> 25245
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906492H1

<400> 25245

caaataccta ttgatatggt tagtaatttc gagattaaag gtacagttaa gatataatca 60
 gaatttttta gttatgaatt tatgatcaag aagctattaa gaaataaatc cagaccagac 120
 caaaccagac caagaagttg ctgttgtaga gaagatgcaa gtgcagccaa gagttattgc 180
 agataatata actgcacaaa tcaagatacg aaaaataagg ttgcatttag caaaagtggc 240
 acag 244

<210> 25246
 <211> 127
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906493H1

<400> 25246

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 ctcgatagtc cgtaaataatt ccgctgcggg ttttgaatct ttcaagattg ttccacacaa 120
 catccga 127

<210> 25247
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906494H1

<400> 25247

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 ccccgctgtg gtgtctcttc cacctgcaac tgcaagtgcg gttcctctta cggactccgt 120
 caaaacccag tcagcttttc ttgaatcatt gctactccaa tcgggtgctg tccttttcag 180
 gggattccca ctctccaccg cttctcactt caacgacgtc gtgcgagcat tcggctacga 240
 cgagcttccc tacgtgggcg g 261

<210> 25248

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700906496H1

<400> 25248

cgacataggg accttaagaa gatgcaagat ctactcctaa atcaaaagga agccatgtat 60
 ggttctaaac ctagtccaag aaaaaataac agcttttagaa agactaatag ttaccgcgca 120
 aatggcaatg gatctatgcc tcctacaccc cgtcgtaact ccctaagtgg tggaacaaca 180
 tctgaactac tgacaccgcg gtctactctt ggccgtcaga atggatattt taaggaaatg 240
 agaagattgt ctactgcact actga 265

<210> 25249

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700906501H1

<400> 25249

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 gagtatcgtc tcctacccat ttttacttta ctcaatcttg cactggtggc aatccatgct 120
 gctttacctc ctgaagttaa ctggaagtcg gtgcttccta ctacgccaat gccaaaagcc 180
 atcactgata tcctttaccc cgattgggtg gaagagaaaa gtacctcagt gaatgttgga 240
 ggcaagggcg taaacgtgc 259

<210> 25250

<211> 144
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906504H1

<400> 25250

gaccagtttc agattagggc tggtattggc cgagattgca ccctcgatta cgaggttgag 60
 gaggatcaat atgacaagca ggctataggc aaagtgaatt cgggtgatcg tgtgtatatg 120
 aaggatctaa acgacgatgg agtt 144

<210> 25251
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906508H1

<400> 25251

aaaatatgga caaaaaatgg ctaaggggaa tccatgccct cgagcataat acagatgcac 60
 tatggcagtt ggttgcccag ttcgcaaaca agttcaacgt tgtgctgatg atagaacaat 120
 tttggtgaca acatatgaag gcacacataa ccatccactg ccaccagctg cagtgggttga 180
 tgccatggcc atagcagcag gtggcagtg atgggttatgg catcaaccac tgcagctgct 240
 gctaccatgt tgctgtctgg 260

<210> 25252
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906511H1

<400> 25252

tttcgttatt ctcttattca tccttctctt ctgaataatc tcgatctctt tctgcccttt 60
 tctccgtcac gcttttcgtg accggatctg tatggatttg atccagatct acacgccgat 120
 ggtgcctttg gccgggtctt tcataaatct ggtgcgtaga ggctcagata cacggtaccg 180
 aggtacaaca gagaatcgat gacaagaacg cagatccgac ggtagatcca gccgattccg 240
 cttgttcgat cgc 253

<210> 25253
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906512H1

<400> 25253

gcgagccccc gtctacctc actggcgagt tcccaggtga ctacggctgg gacactgctg 60
 ggctttcggc cgaccagaa accttcgcca gaaaccgtga gctcgaagtg atccactcca 120
 ggtggggccat gctcagggcc ttgggctgcg ttttccccga actgttgctc cgcaacgggg 180
 tcaagtttgg agaagctgtg tggttcaagg ccgggtccca gatcttcagc gaggggtgggc 240
 tggactactt gggca 255

<210> 25254
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906513H1

<400> 25254

gaaagactta ctagagtttt tacacaaaaa attcatgatt tgattggaac tcacacagat 60
 gtgccagcac ctgatatggg aacaggacca caggatcttg gtggatctct cggtagagac 120
 gcggctacag gacgaggagt cctctttgca acagaggctt tgcttaatga gtatgggaag 180
 agtgtatctg gacaacggtt tgtcatacag ggttttggaa atgtagggtc atgggctgcc 240
 caattaatta gt 252

<210> 25255
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906473H1

<400> 25255

cgcttctcca gccgctgcag actctgctcc acttgctact tcctctagaa gaagcctttt 60
 tcaaattctct ctgccaccgg acccggtttc ttctgttcat ttgggtttct ctcttccaat 120

ttatggcttc ttgagacct accctctctc aactttccct ttcccaatcc aattttctca 180
 gaaaatctac atggaacaat catctacctt gctatttaca caaaaggatc gcaaagttgc 240
 aaacttttac cacttctaag 260

<210> 25256
 <211> 262
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906438H1
 <400> 25256

cttttcagct ttcattggtg tggcctagct gttttctcaa tgactaagcc ttcattctctg 60
 caaagcgcac ttttgcgtct tggggttccc ttgttgcttg ttatcacctt ctgttatgct 120
 acttctactg ctgctgcaac aactcaagtt tcagggaatg aagagctgcc aaagacaaac 180
 ctaaattgggc agtctgaaga agcaaaattc ggattttttc atcatagacc aatattcaag 240
 agacatattc caattccagt at 262

<210> 25257
 <211> 262
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906439H1
 <400> 25257

ctttatttac aacaacaatg gcttctgtgc ctcaaccaa aatctccctt ctaaccttat 60
 tcttctcttc gtccttcacc atcattgcgc atgcaattgt tcctcaaaac gaaaccttca 120
 aatttgagaa ctcaggtgaa cttggaccct acatcggtga gtacggtgca gatacaagaa 180
 tgataagcat cttcaactct ccattccaag ttggtttcta caacaccacc ccaaagcct 240
 tcactctagc tttgcgtgta gg 262

<210> 25258
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906440H1

<400> 25258

attttcccaa aaatgagaaa tatttgctt tgtttaccgc cggatgatgat tcggagatag 60
 ttgacaggag aaatgggctg cgcaaacaga ttgaagatag gttgattgca gctgctgcaa 120
 gtggcaagga tttagaagag actggcagtg aggatgatgg tcttttggat ctgagtgatg 180
 atgatttttt ccttgctggg agttctagt acgaagcaga tgcggatgat gaatggacag 240
 acaaaagtgc aagagagc 258

<210> 25259

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700906441H1

<400> 25259

cagataatga gtataattcc aaagacagct ctgtgtagtt ggtttatgaa cccagccac 60
 gtctctgagc aattgctgct cttgctgggg aagcaattgt caaagtggca tgtggaacaa 120
 atcatagagt ggcgggtgat aagaatggct tcgtctacac gtgggggtttt ggtgggttatg 180
 gaaggctagg acatcgggag cagaaggatg agtgggtcgc acgacgtgtt gaaagttttc 240
 caaaatagaa atgttttgcc accc 264

<210> 25260

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700906443H1

<400> 25260

caccaccgca atgtttgcat tatacctgtc tcagcacacg gaacaaatcc tgctagtgca 60
 gctatgtgtg gaatgaaaat tgtctctgtt ggaactgatg ccaagggaac cattaatata 120
 gaagagctga ggaaggctgc tgaacacac aaggataact tatctgcact tatggtaaca 180
 tatecttcaa cccacggtgt ttatgaggaa ggtattgacg aaatttgcaa tattattcat 240
 gataatggag gccaaagtata tat 263

<210> 25261

<211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906444H1

<400> 25261

cgcggtttca accttgtagt tattctcttt cttctttttt agctatccct ctcttgaaaa 60
 atctagatct cgttcttctt gatctacgtt acgccttttag tgaccggatc tgtatggatc 120
 tgaaccagat ctacacgccg atggtgggtt tggcctgggc ttcatagat ctgatgcatg 180
 gaggctcaga tctactgtac agaggtgtgc gattcatgtt cgtctctctt ttggaatctg 240
 ttctgtagaa agtcggttgg t 261

<210> 25262
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906445H1

<400> 25262

taggcgcttc acaagatcct agagtctgag atcaaaggag actttgagaa agccgtgtac 60
 cgatggatac tggaacctgc agatcgtgat gctgttttgg ccaatgttgc catcaagagt 120
 ggcaaaaact acaatgtcat agtcgcaatt tccacaatga cattgtagaa attgccacta 180
 tcctctcccc ggaagagctt ttggcggtta gacgcgccta tctcaaccgc tacaagcact 240
 ccttgaaga agatgttgca gctc 264

<210> 25263
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906446H1

<400> 25263

gttacccttt cttttctttt ttcttttttc tctttctca ttctacttaa aactcccacc 60
 agtgatggca ggtttggctc cagaggggaa acaattcgat ggtcgccaat atgatgctaa 120
 gatgagttaa ttgctttcca ctgatgggca agatttcttc acctcttatg atgaagtgt 180

tgacagcttt gatgcaatgg gattgcaaga gaatcttctg cgaggcatat atgcttatgg 240
 ttttgagagg ccttctgcta tacag 265

<210> 25264
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906447H1

<400> 25264

catacctcta taataacaaa acaacacttg gagactaact tgggtgggct caccgttgag 60
 caggctatcc agagcaagaa gttgttcata ttagatcacc atgactatct cattccatat 120
 ttgaggaaaa taaatgcaac taccacaaag acttacgctc aaagaaccat atttttcttg 180
 aaaagtgatg gaaccttgac gccattggcc attgagttaa gtaagccgca tcctcagggt 240
 gaaggatatg gtcctgttag cgaatct 267

<210> 25265
 <211> 275
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906450H1

<400> 25265

ctcttctcta ccgattgcta gaatggaatt tcgatgctca gtcattcttt ttaccattct 60
 cttctctctt gctcttgca gagagagcca tgtccatgca tcgctacctg aggaagatta 120
 ttgggaagct gtttggccaa acactcccat tccactgca ctgagagagc ttctaaagcc 180
 tctccctgca ggtgttgcta tcgatgaact ccctaagcaa attgatgata cacagtaccc 240
 aaaaacattc ttctataaag aagaccttca tccag 275

<210> 25266
 <211> 275
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906451H1

<400> 25266

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 ttatctcagc agcagatact caaccctgtt tgagtagacg agaataaacac caatgggaga 120
 ggaggaaaag aaaccagagg aacaacccaa ggagaggag aaaaaaccag aggaagagaa 180
 gaagaagaa gaagcagcag cagcggaaaa accaagcgaa gagaaaaaac cggaacaaga 240
 gtcgaaagag gaagttgctg ctccgccacc gccac 275

<210> 25267
 <211> 97
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906452H1

<400> 25267

atcaaaactg gtccaagga gccagaaaca ccaaagccaa aaacacttcc tttgttacac 60
 atgatgaaaa cagtttctct tgtccacaga acatacg 97

<210> 25268
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906454H1

<400> 25268

cgatatcact atcaggcatt ttggaagtta agccagtga cattactcac acagacaaaa 60
 taaaggaata ccaacatggc acattggtct cagcaaacag cattggtgtt taccatgacc 120
 atttctacat attccatctt gatattgaca ttgatggtgt ggaaaattcc tttgtgaaga 180
 ccagtctcaa gactctacaa gtcacagaca acagttccaa gagaaagagc tattggacaa 240
 ctagtaatga agttgttaag 260

<210> 25269
 <211> 92
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906455H1

<400> 25269

ctaaactgta aaacacacgc tctctctttc gcttgaaatt ttcgtcttcc ttttcgtttt 60
ctcagtctat tgctcttcca cacaacatac ga 92

<210> 25270
<211> 223
<212> DNA
<213> Glycine max

<223> Clone ID: 700906457H1

<400> 25270

acttatccct ttccatccac caaaccaata tatctaaaat ctcaaaaaca ccacctccat 60
tgggcgctatc acgctacgcc gtcgtttagc acctccttct ccacccttcg tctctcaatc 120
cacacatcct cttatccata atgtccttct ctccctctcg tttttcgcca aatttgtctt 180
ctttttgcac cttctccctg atttttcctc gcctcaaata ata 223

<210> 25271
<211> 265
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700906458H1

<400> 25271

ctgtgaaacc tcccataaac ctaaaaccct aattctcaac aaccatgagc tacgagaacc 60
ctagcttcca cttcaagaca cacagacaag agactcaatg caatcctacg atctccttcc 120
accaccttcc cttctgtcaa cgtgcctctc cctccctctt ccaccacgcy ccgttctaca 180
ancaccaccc tccgttcccc ccaaccaccc aacgcctca tcgaccctaa tccctctctc 240
cgcataacga cgccgacgac gacga 265

<210> 25272
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700906459H1

<400> 25272

atgatcatat attcattcag ttctatacaa aatcctcaaa aactcttctt ctctgccatg 60

accatggaat acagaacctt agaactcaac atcatatccg caaaggacat caagaatggt 120
aatctcttct ccaagatgga cgtatacgcc gccgtttcgc tctccggtga ccttctccac 180
cctcagggcg ccaccaccca cgtccacaaa gacgccggca gcaacccacac gtggaactac 240
cccgtgaaat tctctgtcaa cg 262

<210> 25273
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700906460H1

<400> 25273

tgaaagtgag tatgctgcct ggaccctagt caacgggtat gcactaaacc atggttattat 60
atccactcat cggctgaaaa ctcatgtgaa ggagataaaa aaactaaatc agttttattaa 120
ggatagtgga ttcagattga attctgaagg aggagtgctg aaagtgagcc ctgatggtct 180
tctccagcaa agtcaactg tagcagattc aatttctttc aaattttctg atggtataac 240
tgaatcagtt ccatgctcat a 261

<210> 25274
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700906461H1

<400> 25274

atttcaaaga gagagagaga gatttcacag accaaattgc agaggacgac aaagttcaca 60
acttcaagga aaatcgaaat ggcccaagtg agcagagtgc acaatcttgc tcaaagcact 120
caaattttcg gtcattcttc caatcccaac aaacccaaat cggcgaattc ggtttcattg 180
aggccacgcc tttgggtgcc ctcaaaatct cgcattcttg tgaacaaaac tgyaagcctt 240
atgggaaatt ttaatgcggg gaa 263

<210> 25275
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700906462H1

<400> 25275

tctgagttct ctcatctctc gtcttcactg agaaaaatcc ttctttgtgc atgctcctcg 60
 tttccatcta aaggggagag ggggtgagtg agaaaaagtg agtgagggtt ctagcttcta 120
 ctgttgagta aacatgacta tggaagaggg cagggtagag aacgaggact acacacaaga 180
 tggaactgtg aacattaaag ggaaacctat tcttagatcc aaaagtgggtg gttggaaagc 240
 ttgctccttt gttgttgtat atg 263

<210> 25276

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700906464H1

<400> 25276

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 taacaatcgt gtcggcgaac acctgaagaa cgtgaactgg aagaacggcg atctgaaacc 120
 ctatgtgggtt ttctgggtgg accccgagcg gcgcctgggtc acgaaatccg acgactccgg 180
 caacacctcc cccgtctgga acgagcggtt cgccctccct ctccctttcc cctccacga 240
 ctcttctctc a 251

<210> 25277

<211> 100

<212> DNA

<213> Glycine max

<223> Clone ID: 700906465H1

<400> 25277

gtcacaagga cgcaacggta aatgccgcct cacatcaaaa ccagcacctc taaccgtagc 60
 ataaaaccac caccggagag aataccaggt ccccttctct 100

<210> 25278

<211> 272

<212> DNA

<213> Glycine max

<223> Clone ID: 700906466H1

<400> 25278

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gcaaagcgca cttttgcgct ttgggggttcc cttgttgctt gttatcacct tctgttatgc 120
tactttctact gctgcagcaa caactcaagt ttcaggggaat gaagagctgc caaagacaaa 180
tataaatggg catgatgaag aagcaaaatt cggatttttt catcataaac caatattcaa 240
gaaacatatt ccaattccag tatataaacc tg 272

<210> 25279

<211> 104

<212> DNA

<213> Glycine max

<223> Clone ID: 700906467H1

<400> 25279

ggagcgatct gaggtgagga cattaaga gcaatgctag cacagggatt cgaggacgca 60
gagaaatggc tcgccgaggg gatcgccggc attcagcaca acgc 104

<210> 25280

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700906471H1

<400> 25280

atcttaaggt atctcaaggg taccttgtct catggtttac ttcttcagcc tgcttctact 60
gtgaaaccct tggcttttta tgcattctgt gatgctaatt gggcatctga tgtggatgat 120
aggtgttcca cctcaggggc tgccttcttt cttggcccaa acttgatâtg catggtgggc 180
tcgcaaggag aaggtgacag ccaggtccaa tactgaagct gaatatctca gcttggctca 240
aacttctact aaattgaca 259

<210> 25281

<211> 233

<212> DNA

<213> Glycine max

<223> Clone ID: 700906472H1

<400> 25281

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caaggggtgat gcaggggtctt gttctctgca cactttttgtt gtcggcggtt ttgggtccaag 120
aagttgaggc aagagtaatc agcaaagaag caatgcagcg taacaccatt cctggatgca 180
gcaaagtaca ccccaatgtc gccgcttgct atctgccatt agttaacatc aac 233

<210> 25282

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700906437H1

<400> 25282

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ccttaaataa gttgagtgtt gacaggaact tgattgaggt gtttgctaag ggtgttgaga 120
aagagtatgt tacccttctt gcagcaagag cttctaggac tgaaaatcaa gatgccatag 180
atgctgcaat tgttggcatg cttgctgacc caaaggaggc acgtagtggg gttagggagg 240
tacatttcct tccattcaat cctg 264

<210> 25283

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700906403H1

<400> 25283

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caatcatagt tctgatcttc atacacttac cccggaaacc tccatttctc agatcaagct 120
tgacacgaaga cattaaaaaa tagaaataca tacatagcta tggacaataa tacttgtgcc 180
tcctcccaac ttgagtcaga agaagcatct tttagacaca aatcagagac tccaacatca 240
aagtaaagga aaatggttga g 261

<210> 25284
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906404H1

<400> 25284

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 tgatgtctcat ttatcaagat catcaaaatt ggaggacaag gacaaagagc acaagcgaga 120
 tatggatgga gctaaagaga aggaaagata cagggagaaa tacatgggaa aatcaattca 180
 agaacttgac cttagtgtact gtaaactgtg cactcccagc taccgacttc tgctgcaga 240
 ttatccaatt cctacagcta gtca 264

<210> 25285
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906405H1

<400> 25285

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 cgcgaaacgtc ttgccctact acccgcgag caacatcact ctcatcaccg tcggaaacga 120
 gatatttgacc ttagccgacc aggtgtact gtctcaactc gttccggcga tgcgagatgt 180
 ccataatgcc ctccggcgcg cctcgctcgg tggctagatc aggtgtcga cggtgcactc 240
 gatagccgtg ttgactc 257

<210> 25286
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906406H1

<400> 25286

catcctacgc caatagccca aaaccttggt ctctttttgt ggttcatttc tctcttccag 60
 atgccacttg ccggtcttca ccctcagat tttctcagga aaaaccatc taaccagtac 120
 cagaccataa tccctcactc tcccaacatg aatcctaata agtctcatcg gacttcccga 180

aaccgtaaga tgcggcccga tccaagccca caaggcggtg tcagcccagc ccggctcaca 240
 ttatccccga aaccccaagt tataaacaag 270

<210> 25287
 <211> 173
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906407H1

<400> 25287

taaaaaata gaagcagaaa gaagtgcctc tgtctctttc tctctctaca agccttcttc 60
 ttcttcttca ctttgatttt ccgtcttcaa tgcaaacca accatgatcc tctacacgta 120
 atcccacctt acctaagcta aaaccctttt gatctcactg ttccacacaa cat 173

<210> 25288
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906409H1

<400> 25288

attggatcga ggggtaccaga tgagactgct taacgcaacc tcgtgtttcg ttcttctctg 60
 gtgactgggtg agtgcggcga cgctggcctg cagtgggtgcg acttttcacc gacgacgctc 120
 gtcgtgcaag cagctaagta ccacgacgct cttgtgagag cagcttctag tcgctggacg 180
 gatggtggtt ctacgattaa gtactagggt tcagacttca tgctcttaa acaccgtgta 240
 taactgattt tgggtggtgat tccaa 265

<210> 25289
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906410H1

<400> 25289

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 aaacttttga agattgtatc acttgggctc ggctaaagtt tgaggattat tttgttaacc 120

gggtgaagca gttgatctat acttttcctg aagatgctgc aactagtact ggagctcctt 180
 tctggtctgc accaaaaaga ttccctcgtc cactacaatt ctgagcctct gatttgggtc 240
 atctaaattt tgtgtcgtca gcttctattt 270

<210> 25290
 <211> 269
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906412H1
 <400> 25290

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 cctagaggta gagtcttcgg acacgatcga caatgtgaag gcgaagatcc aggacaagga 120
 gggcatcccg ccgatcagc agcgctgat cttcgccgga aagcagctgg aggacgggcg 180
 cacccttgcc gactacaaca tccagaagga gtccaccctc cacctcgtcc tccgcctccg 240
 cggcggcgcc aagaagcgca agaagaaga 269

<210> 25291
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906413H1
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 tgttattggt tctggtgttc tttctcttgc atggagcact tcccaattag gatggattgg 180
 agggccattt tccttgccctt gttgtgcaat tgtcacctat atgtcttcat tectcctgac 240
 tgactgctac agaactcctg atcctgt 267

<210> 25292
 <211> 266
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906414H1

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 taatgaggggt ggtgtaagag gaggacgagg tggagggttac aaagagcttg atgaagagga 120
 aatagaagaa actagacgtc gtaggagggga agctgaagat gatggggagt tgtatgatga 180
 atttggaat ctaaagaaaa aattccgtgc caaaacacag caagctgaag ctgcacgtgg 240
 gcttctcgtt tcagggcgtg ctggtt 266

<210> 25293
 <211> 276
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906415H1

<400> 25293
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 attgatctta tttgtttcca tttcccttga gattgatttg aatgtttgat gcataaagca 120
 atgggacttt catatatcaa aatgttttga cttctatcca ttttaactca tgtgaattga 180
 agtaacattt tctgtttgta gcttaagatg aatatatctc atgcagatag tatctattac 240
 actacctggt tctaactc atctaataaa aatctg 276

<210> 25294
 <211> 275
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906416H1

<400> 25294
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 tttgccttta gtctctgaag gcaagccctg ggagctccag tgctgacgtc acagggctag 180
 ctcaaatacat ggtgaaagag atgaaggcaa aagcaaacta tgcattgaag agaataccagg 240
 agctgcagag ggtgggagca gggcctaata agcaa 275

<210> 25295
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906417H1

<400> 25295

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 ggaatccaag aatattgtca atagaacttc ctcccttaat tacagaagca gctctgctgt 180
 tccccttcat gagttgccat gggcttcctt tgatcaatat atagaggaca aggggaagagt 240
 aatccgatct atatttccag aaaaatcaac a 271

<210> 25296
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906420H1

<400> 25296

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 acgtcgtttt ctctctctca cgctgttggt ccttctctct gcaacacaaa gcatgggtcat 180
 ttatctcaca accgccacta tctctccctc ccaaaaccca ttctcctgaa gccctccga 240
 tcgccttctt tcaa 254

<210> 25297
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906421H1

<400> 25297

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 cgaattgatg caagcgaagg ttgattcatc ctttgaggtg atatgggtct acgtgcaat 180

taacttttctg ggtcgtaact cggagaaagg tgatgccttg gatcgaatat tggccgcaaa 240
 agacttgttt aagttgctat ctgcgtg 267

<210> 25298
 <211> 265
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906422H1
 <400> 25298

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 cattatgggg gagctagaga gagactctct tacaccctag ggtttctctc gcgaaatgtg 120
 cccgatcgag acctaaggct tgtaggtgt cccaatttcc gtgctgcatt agtcccaagc 180
 gtgagggcga atcctgggtgc aacgggtacag ttgtgccttg gtgacttggt ggtcatgggt 240
 tcgaatccgg atacagctcc ttgca 265

<210> 25299
 <211> 266
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906427H1
 <400> 25299

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 atatgggtcga tcaactgata ctttggttaa aggactaagc tcaaaattat tcagaatcaa 120
 gctagagcag agacattttt caggatcaga caagggatta ggcttttttc atattcaaac 180
 taagtagagc aggattcgat catagtgtac atgatgtggg tattgcatta gtcattagtg 240
 catgctgtga aatatattct ttgagg 266

<210> 25300
 <211> 265
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906428H1
 <400> 25300

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 gacgcagaaa cggcgtcgtc cttggtgaag gagctgaggg acaacttcgg ttcgggaagg 180
 actcggagtt atgaatggag agtgtcaca gtgaaggctc tgttgaaggc ggtggttgat 240
 aacgaggaac agatcgtcga cgctc 265

<210> 25301
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906429H1

<400> 25301

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 tggacgatct ggttttcgat cgatatactg ttttgtttac tttttccttg tggggttgct 120
 tcacaatgaa aaaaacttaa tcatagttaa ggggttttct ttttagaaaa aaaaatattg 180
 ttggctagga attggagatt taatgtttta ctctcatta aaagtgaagta taagttacat 240
 ataaaacttc aattctaatt aaatggt 267

<210> 25302
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906430H1

<400> 25302

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 aagaccctca ccggaagac catcaccctt gaggtggaaa gctctgacac catcgacaac 120
 gtcaaggcca agatccagga caaggaagga attcccccg atcagcaacg tctcatcttc 180
 gccggaaagc agctcgagga cggccgtacc ctgcccgaact acaacatcca gaaggagtca 240
 acccttcacc ttgtccttcg tctccgtggt g 271

<210> 25303
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<212> DNA
 <213> Glycine max

<223> Clone ID: 700906431H1

<400> 25303

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 ttggaggcaa gaaattttgc accaccaccg atactctcac tcagcgcgaa cccgattcaa 120
 tgcttgccgc tatgttcagt ggccgccaca cgctgtgcca agatcctgac aaggggtatg 180
 tgtttggtga tagggatggg aaacactttc ggcacattct caattgggta agggatgggt 240
 tggcgctac tctcgaggag tctcagtact c 271

<210> 25304
 <211> 282
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906433H1

<400> 25304

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 cacttaccag caccactact tataccaaga gaaacaaata aaaaatgcat gttagatggc 180
 tacgaaattc cagccaagac attattatat gtgaatgctt gggcaattca tagagatcct 240
 aaggcttggg aagatccaga agagtttata cctgagaggt tt 282

<210> 25305
 <211> 282
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906435H1

<400> 25305

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 cggcaccgtc tacagagcga tctatctccc cttcaaccaa ctggtggcca tcaagtcctt 120
 taatctcgat cgctgcaacg tcaatctcga cgacctgcgc agggaggccc aaaccatgag 180
 cctcatcgac caccccaacg tggtgagggc gctctgcttc ttcgccgtgg accggagcct 240

ctgggtgggtc atgcccttca tggaccaggg ctctgcctc ca 282

<210> 25306
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906402H1

<400> 25306

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gcgcatgaat ggattaacga gattcccact gtccctgtct actatccagc gaaaccacag 120

ccaaggggaac gggcttggcg gaatcagcgg ggaaagaaga cctgttgag cacaactcta 180

gtccgacttt gtgaaataac ttgagagtg taggataagt gggagctgga aacagcgaaa 240

gtgaaatacc actactttta acg 263

<210> 25307
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906362H1

<400> 25307

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cactcccatt ccaagttcat tgcgagatct tctaaagcct ggccctgcaa gtgttgaaat 180

cgatgatcac cctatgcaaa ttgaagaaac acagtacccg aaaaccttct tctataaaga 240

agaccttcat ccaggcaaaa ca 262

<210> 25308
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906367H1

<400> 25308

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ggcaagtctg tagttgagaa gctacttttg atggcaattg tgtgcttggt gctgggtgta 120
 atttccatta ctccaaggc ccaagcagca gtgacatgca accaggtggt gagcaacctc 180
 accccatgca tttcttatgt gctcaatggt ggcaaaaccg tgcttgccc ttgctgcaat 240
 gggatcaaga cctcttttaa cctcgctcac tc 272

<210> 25309
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 <213> Glycine max
 <223> Clone ID: 700906368H1
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 actctctatt tccatcatct tcttgagct cttctgcaa aggtcctaaa aggaaagcat 180
 cattagaagt ggtgcacaaa catggcccat gctcccaact aaatcatagt ggcaaagcag 240
 aggctacaat atcacacaat gatattatga ac 272

<210> 25310
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906369H1
 <400> 25310

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 gctctttgca gatcacatga aaaacactat ttttcctcgt caacaaggat caatagaata 180
 cagttgtcaa gacatagact ggaacatgga catctgaact atagatgtct ccacacacag 240
 agatcaacct tattcaatga ctggtttt 268

<210> 25311
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906370H1

<400> 25311

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ttgcagaggc tcaagcatca acggagaccc cattatcgcc cgaaacgacg tcgccgaagt 180
cgcgaaattt tccccttctt cttcggatgt tgaagaaggc gaaatcagag accaattgaa 240
ccaattgagc atcactcgag act 263

<210> 25312

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700906371H1

<400> 25312

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aatgcaatgg gaccactgag gaggtaaaga agattgttac tactttgaat gaggctaaag 120
tccctggaga agatgtcgta gaagttgttg tgagccctcc ttttgtgttc cttcctgttg 180
taaaaagttt gctgcgccct gatttccatg tttcggcaca aaactgttgg gttcgcaaag 240
gtggtgctta taccggtgag gttag 265

<210> 25313

<211> 86

<212> DNA

<213> Glycine max

<223> Clone ID: 700906372H1

<400> 25313

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aaaaaaaaagg gggggccccc cgtttt 86

<210> 25314

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700906373H1

<400> 25314

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gccgccggtc taattaccgg ccaccttcac ctataccttt atagccctca tactgtccct 120
gtgaggctgt tggaagttca tgctcacact gagtcttgca gggctgctcg attcatcaac 180
gggtggacgtg cactcttaac gggttctccg gattgctcaa tactggctat agatgtggaa 240
actggttcta caattgcccc gg 262

<210> 25315

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700906374H1

<400> 25315

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gctctcactg tagtgcaatc tctgaacgag gactccatgg ggctaccatt gaagctttca 120
agcccatcca tcactacgtc tcacttcacc gaatacgtt cgttgagcat cgagttcact 180
tcggcgccgg cgccgtgttc gtccgcttcg gagtggaccg ttgtcaaggg attaccgaa 240
ggacgcgccg ttaaactta 259

<210> 25316

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700906375H1

<400> 25316

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cttatgttct tttggatata tttgatgaac ttctcatata aatgctgctc cattaattaa 120
gtattgttta actcccattg gtttcaaaca tctacttgat gaattaccct ctctcattg 180
ataagaactt tgggagaagc tcaccacaaa agctagacat agctatagaa ttgactgtgg 240
ccttataaac cccttactag a 261

<210> 25317
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906376H1

<400> 25317

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 cctccgtttt cagaaatctc cattgtcacg ccccatcaga gctctatctt cctccgccct 180
 cgtccaaaca tctactacca aggccactga agaccaaggt gtgaagcctc aatggaaggc 240
 cacgatagac ttcaagtgga taaa 264

<210> 25318
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906377H1

<400> 25318

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 aaggtgatcg ccgagtacat atgggttggt ggatctggca tggatatgag gagcaaagca 180
 aggactctct cgggactggt taatgaccct tccaagcttc ccaagtggaa ctatgatggt 240
 tccagcactg gtcaagctcc t 261

<210> 25319
 <211> 259
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 <213> Glycine max

<223> Clone ID: 700906378H1

<400> 25319

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gcagcaccag caccaccctc cagcaccagc accagcacga gcacctgttc cttcaccttc 180
 tgaccacaat taccctccta ccctgtctgc tgctaagcct cctagtcacc accatcagca 240
 tcaccctcct gctcctggt 259

<210> 25320
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 <400> 25320

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 gagccaagac gacggcaagg actaccagga gccggcgccg gcgccgctgg ttgacccgac 180
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<210> 25321
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 <212> DNA
 <213> Glycine max
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 <400> 25321

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 ttccctcata tatctaagtt cacgtctacg atatatctct ccctctaatt aaacctctct 120
 atccatatct aaaatttcac aatgatctca attaattaga tttccctctc tctttctctc 180
 tctaactata ttgcaaacct ttctctctgc ttccataatc agcaatttca tgggtcttag 240
 agacattggt gcttcactgc ccc 263

<210> 25322
 <211> 265
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906382H1

<210> 25325
 <211> 214
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906385H1

<400> 25325

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 agtgtcccta cggcatcgca atcatatggg gactatccgc catcgtaata atacgtggct 180
 catccgacac cagcagccta cggagcgggtg acta 214

<210> 25326
 <211> 259
 <212> DNA
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<223> Clone ID: 700906386H1

<400> 25326

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 gaacagtcac tgcctattat ttatcttctc tggggcctac tcatgacgaa atagacttcg 120
 agtttttggg taacttgagt ggtgatcctt atactctcca cacgaacgta ttcagccaag 180
 ggaaagggaa cagagaacaa cagttccatc tatggttcga cccaccaag gacttccaca 240
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<210> 25327
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 <212> DNA
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<223> Clone ID: 700906387H1

<400> 25327

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 tggagatcac tagaataggc caatgggtta gtcttctgat atgtgtacta ctattactgc 180
 agacagaagg ggttcctgtg ggaatcactt ttgttgaaaa tgcagtggca aaaggggctg 240

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263

<210> 25328
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<212> DNA
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<223> Clone ID: 700906392H1

<400> 25328

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gaccccgaga tcgcgaagac gcaggaagag cggaagcgga tggagcagca actggcgctcg 120
ctcacctccg tcacgtttga taccgatctc tacggcggaa gcgacaaggg ctctacctc 180
acttccatcc ctgccaacga agacgacgag aatctcgacg ccatggacaa cgaggtcgcg 240
cgcaagctgg cttcttacac 260

<210> 25329
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700906394H1

<400> 25329

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tgggggggtg ctgatatcgt cctcacaggg gtcattggtg tctcattgct catattcttg 180
attggaaggt cttcttatcg ttacaggaca ccaattggga gcccttgac tcctatgttg 240
caagttattg ttgctgct 258

<210> 25330
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700906359H1

<400> 25330

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 cgggtggcgcc ggcaaaggct gcactaacat gcgctgcacc gtcaagagtg ctcttcagag 180
 catttggtat ggccctgacc gtcccaagta cttgggtcca ttctcgagc agattccatc 240
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<210> 25331
 <211> 276
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906401H1
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 gaagatgata ttcaaaagtt ttcctactta agggcagtg taaaagagac acttagattg 120
 cacttaccag caccactact tataccaaga gaaacaaata aaaaatgcat gttagatggc 180
 tcacgaaatt ccagccaaga cattattata tgtgaatgct tgggcaattc atagagatcc 240
 taaggcttgg aaagatccag aagagtttat acctga 276

<210> 25332
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906329H1
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 atgcgtataa gtatttcaca tggacgggtga cttatgggac tctttatccc ttggctagtc 180
 ccagcaggt tattcttata aatggtcagt ttcctgggcc tagacttgac ttggtaacta 240
 atgaaaatgt aattctcaac cttatca 267

<210> 25333
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 <212> DNA
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<223> Clone ID: 700906330H1

<210> 25334

<223> Clone ID: 700906331H1

<210> 25335

<223> Clone ID: 700906334H1

<210> 25336
 <211> 276
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906335H1

 <400> 25336

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 tcatgcgatt cctggtgatg tgagaagagg gttgaattca gttaggaaga tctgcagggga 120
 gtataacatt tctggagttc atggtccaat tattgagttg ctgaattgtg atgaaaagtt 180
 tttcactgct gttgaagtta ctgcaggaaa cagcttattt catgtgggtg ttgaaaatga 240
 tgacaagtca acccagataa ttagacatct taattc 276

<210> 25337
 <211> 276
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906336H1

 <400> 25337

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 cacttggaag cccacaactt ctaatgttga gtggaattgg gccggaagag caccttaaag 120
 cccacaacat cagaataaca ttggatcagc cattagtagg acaaggaatg tcagataacc 180
 ccatgaacgc catctttgtc ccatctcctg tccccgtaga gatctctctg attgaggtgg 240
 tgggcatcac cacttttggc acctacattg aagctg 276

<210> 25338
 <211> 274
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906337H1

 <400> 25338

 caaaggttgc tgtaggtaga tgtgtattgc agtagtgcta agtgctaata cgtgcagtga 60
 acaatggatt ctgcatcagc atctctgctc aagtcttcac ttgttcttga caagtctgag 120

tgggtgaagg gacaaaccct tcgtcaacct tctgcatcag ttgtgagatg caagctcacc 180
 accccatcag gcctcagcat cagagctggg tcctatgctg atgagctcgg aaagatcgcg 240
 acaacagtgg cttcaccatg gaagggtatg ttgg 274

<210> 25339
 <211> 269
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906339H1

<400> 25339

atcggcgcgg caccacaca cacagtctgt cggaatggga aggggtgattc gcgctcagcg 60
 taagggtgct gggtcgggtgt tcaagtctca cactcaccac cgcaagggtc cggcgagggt 120
 ccgcagcctc gacttcggcg agcgcaacgg ctacctcaag ggcgtcgtca ccgacatcat 180
 ccacgacccc ggtcggggcg cccctctcgc caagggtggca ttccgccacc ccttccgcta 240
 caagaagcaa acggagctct tcgtcgccg 269

<210> 25340
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906340H1

<400> 25340

ttcggctcga gtcgaatgac atcaattcgt aggtgtatga atatgtctca tgctactaca 60
 agtcagatgt agcaattcaa caagatgccg agcttcaagc ttggtggaaa gaacttgtcc 120
 aagtgggtca tgggtgatttg aaagataagc catggtggca aaagatgcaa actcgtgaag 180
 agttgattga agcctcggct accctcgtat ggatcgcttc agcccttcat gcggctgtta 240
 actttgg 247

<210> 25341
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906342H1

<400> 25341

ggggtacaag ttttgtataa atgtagtcgt aatataatttg tgtggtcctt acatgaaaaa 60
 ttgcttaciaa gtttagacctt actgtataag tctaaatggg gttagtttat agtagtattc 120
 atataaaact aaaattgatc tgtcgggtgt agggaagtgt ataattttcg ctttatatct 180
 aaaatgaaaa acgatgttat tttgtaaaat agagaggggc cgaatctaata accgtttgtaa 240
 tgtttccaca c 251

<210> 25342

<211> 268

<212> DNA

<213> Glycine max

<223> Clone ID: 700906343H1

<400> 25342

cataattctt ttttttatctt cttgggtggaa aacagattgt gcatctaatt ccaaattcac 60
 ccataaaaaat acttcctttt gctcaccagc catatattat gatggaggga gatgagaata 120
 ttcaagcatc atcaaaggga aaatatgttg aaagcttcaa ctgctcggag gcaccaagga 180
 agaaaagcaa gaagatagaa aacaagagga ggttttagtga tgaacagata agatcactag 240
 aatgcatatt tgagtcagag tcaaagct 268

<210> 25343

<211> 267

<212> DNA

<213> Glycine max

<223> Clone ID: 700906344H1

<400> 25343

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 ttggagataa acgcgacgga ctccggcaacg gaggacgagc ggagccggaa cctgcaggac 120
 gtggacaggg cggcgctgtc gcgtcccttg gacgagacgc agcagagctg gctcctaggc 180
 cccggcgagc agaagaagaa gaagtacgtc gatctcggct gcatcatcgt cagccgcaag 240
 atcttcaagt ggaccctcgg caccctc 267

<210> 25344
 <211> 267
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906346H1

 <400> 25344

 catttccgtt accgttatcc tcaattctct ctctctcaac ctcttattta tttattaacc 60
 ctttattcca cccctttcct ctcccttcat caagcaccca actttctgcc acccccacaa 120
 aaggggtgctt gcgtttcttt ctgtgatctc aaccatgaag cgtccactca caccttcagc 180
 cagcggcatg aagactaaca agaaagccaa ggcgatggaa aatgacgaag acgtggaggg 240
 gctggggcgt ttcgacgaca accttct 267

<210> 25345
 <211> 265
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906347H1

 <400> 25345

 aaagaagaaa aaaaaaactc aaacaccttc aagaacttgt atctttcttt gttagtattt 60
 gttactacaa ttttacattc ttttcatctc tacatatctc attagtcattg gcacctcaag 120
 cagtttcctt caagtccttc gccgttgctc ttattgtggc gcttttcttc tccgcctcgc 180
 ctctggactt agtttcgggg cagtcgccgg tgccggcgcc ggcgccggca ccagattgcc 240
 ggagcagctg gatccgtgtc gagct 265

<210> 25346
 <211> 278
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906349H1

 <400> 25346

 tgatgtgaag gaggagggag aggaggagga ggatgaagaa gaggaggagg gggtgaagga 60
 agaggtggat gcaaattgggg acgtgaagat gggtgagatt gatgaggggc aggttcagga 120
 gttggaggag caccgcattg agttgagtct cgggcaagat aataatgttg agagggttga 180

agttgagaag gagcaggggtg gagaggagca gatgatggat gtggggtttg agcagtctaa 240
 ggaggaggat atgcctggaa tgtggctttt ggatcaga 278

<210> 25347
 <211> 274
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906350H1

<400> 25347

ctcttgtgct ggtgaaaatc atgtacatac atttcaggac tatttagtaa tagatgatgg 60
 atttttgctc tggatgttg ttttccttcc tgtaccatct atttcattt acaatggttt 120
 gttcctatcc ttttagctgc cccattaaat tgggggctat caagacttgt tcttttttct 180
 cctacattta atctttacaa caggaaatgc tcttgaaaat tttggcttca ttgatgcaca 240
 agcattggta gctgttggat gtgtagaaaa ataa 274

<210> 25348
 <211> 275
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906351H1

<400> 25348

aaccttcgat cttaatccca cggggcaacg ttccatctgt tgaacttctt cttttatatg 60
 tactctgtga tttcgctaca ccctcactcc gcttcgccac cctatggggg acaacaacag 120
 caacaacgat gccttcatgc gcaacaaaaa cgccgccgtt caggcccgca ccaaagcgca 180
 gaaccgttcc aacgtccttc agctcaaact cgatggacag agtcacccaa ccggtctaac 240
 agcgaacctg ttgaagctct tcgagcctag gcctc 275

<210> 25349
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906353H1

<400> 25349

atcacccctcg cctccggtgc ccgccacgct attctccggt taccctccga agcttccagg 60
 ttcttcaaag cacctgctaa tgccgatcaa aacgatgagg gcaccagggtg ggccgtttta 120
 gttgccggtt ccaatggcta ctggaattac aggcaccagt ctgatgtttg ccatgcatat 180
 caactactga ggaaagggtgg tgtgaaagag gaaaatattg ttgtatttat gtatgatgac 240
 attgctttca atgaagagaa cccacggcct 270

<210> 25350
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906354H1

<400> 25350
 ctccaacccc aacaagtatt agtaaaggca aagaacaaaa caaaacatgg acgaatggcg 60
 cgccaccatc aaaatggatc acagaaccca acgaacttag aaaacctaac cgagtcctcc 120
 atcagtcata ttcccaacga ccgttcagaa tgattgatgg tagcgatcat gcaacagcag 180
 cagcagcatc aacagcaaca gcagaacccc tctgcactgg tgccacctca gctcaagaat 240
 cccaatcct ccacacatca t 261

<210> 25351
 <211> 267
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906355H1

<400> 25351
 ggaactgttc ctttaactga agattttgca tatgggcatg tcttctacaa gttaagacag 60
 acaagtgatt tgttttgtat ttgagaacgc aaagtaactg tttcgatgat gggaaaagca 120
 tatctgcctg tctgccctta gagaacaagt cttgaataga tttcggtaaa ttaaaaatgc 180
 tcttgctgat cctcttttgg aatgattaat aaaacattac attattgtat cttctacttc 240
 gaccgccgtt gtggacaaaa tttgtaa 267

<210> 25352
 <211> 268

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700906356H1
 <400> 25352

gttcgaagtc caaaacgtgt gcagataaag tttagaggaag gcataattgg cactccacag 60
 cttacgggact cattagagat accggaaaat gtggaatttc tgggtcaaaa gattgacctt 120
 acacttttca aaggcatcct tacctctgtc caagacacag ccacatcggg agtgaaaaca 180
 atgtcaagta ggctccctt gaagatccca atttccaaca gcaatgctca gtcctgggta 240
 ctcttcacat acctcgacga agaattgc 268

<210> 25353
 <211> 263
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906357H1
 <400> 25353

attgaaagat agaaattgat atctgtgaaa aatgacacta gaataacaac cttagtaatt 60
 aaatatgtaa ggctgtttta tggagaggaa gatttccttg tttttgtgta tagagattag 120
 agggagttca agttgtgggt aatattcctg tataatttgta gatgcatgat acttttaatt 180
 tcgagatggt taatttctat cagctaactc catctcttta tcactctgta catgttatta 240
 ttccttcctc cttaacttg tgg 263

<210> 25354
 <211> 265
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906358H1
 <400> 25354

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 ctttagcctc ctcttatata ttccggaagt tggttctctgc tggaaatttt gcaaacaat 120
 tcatatactg aaaggacttt atgactaggg agttctatac aatcagattc gcaatggatc 180
 tgagcactat tgaattggcg aagggttaat gaagcttaat ggtttattca cagggagcac 240

gagaagctcc agagaactct ttaca

265

<210> 25355
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700906326H1

<400> 25355

gtatgcacaa ggcgtacctg aagcccgatc caaggaacga gatactcgtg tcggccggtg 60
cacttgaag cccacaactt ctaatgttga gtggaattgg gccggaagag caccttaaag 120
cccacaacat cagaataaca ttggatcagc cattagtagg acaaggcatg tcagataacc 180
ccatgaacgc catcttcgtc ccatctcctg tccccgtaga gatcgctctg attgaggtgg 240
tgggcatcac cacttctggc acctacat 268

<210> 25356
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700906282H1

<400> 25356

gacaagggtc cttctgtgta gacataccag agccagaccc tgatgatgcc aaaatagcca 60
agaccataga aaatgagttc cacaattgg agaatacaga gaatggtttt accaactcac 120
taactggtct tacagttaat ggccattgaa agctatgctg ctaaagctag taactgtttt 180
tggcctctcc tgagccactt ttatttggtg attactttat ggtccctttt ggaaaaggag 240
ggttatactt gtaggtcata 260

<210> 25357
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700906283H1

<400> 25357

cggagagtgt tctcttcag ctccatatga atcatcaggc aaaattttat cagattctat 60

ctctaattgga caaggtgctg taccactgga ggctggattg actctgtcaa agtccatggg 120
 gcctgggatt tcaagcgaaa accaggatca gccagtgcca atttcagttt tagagcctcc 180
 atttgaagat gataatgctg ttgtcgagtc cttgggctgt gtgaggggtg gtcagctggg 240
 atcacgggtg tctctgaa 258

<210> 25358
 <211> 256
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906284H1
 <400> 25358

gggccatgct cggagccttg ggctgcgtct tcccggagtt gctgtcccg c aacgggggtga 60
 agttcggaga agccgtgtgg ttcaaggccg ggtcccagat cttcagcgag ggtgggctcg 120
 actacttggg caaccaagc ctgatccacg cccagagcat cctcgccatc tgggccacac 180
 aagttatcct aatgggtgcc gttgaagggt accgtattgc tgggtggcccc ctcggtgagg 240
 tcaactgaccc aatcta 256

<210> 25359
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906285H1
 <400> 25359

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 atcttaaaga ggtaaaattt tacaatatta atattcttcc gtctatcatt cacatacaat 120
 ctagttttag cttgggtctt tcttttcttt tctttttaag caatattttc ctctgacaa 180
 gcatagccag aaccttttgt ttccacatat cttacatttc ccatggtgac cttgtgtctc 240
 ttactttgaa tcccatat 258

<210> 25360
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906286H1

<400> 25360

ctcgagccgt ggtcactgac ctatcttgga agagttttga agtttaaacc ttcaaaccct 60
 tatgccttta gattctgatt ctgagtctct gctgctatat atggcgccac gcgtatttct 120
 tgtgttgggg atgttgctga tgggtgtgct tggttaagggt tcgtctgatc caaagagaga 180
 agaagaaata ctggaagaag aactacattt tcccataac gagccactta ttgtgagaga 240
 cggaacaga aggct 255

<210> 25361

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700906287H1

<400> 25361

caaagtcaac gactgcatga aatggtcttg aaacatccta tagagattga tgaccttttg 60
 caccttattg cgcaatcaaa gctatctctt gttgcaactg cgaaggcaac tcctgttctt 120
 agtgcattgg catcgttgga aaaggaaact agtggcttaa tcataattgg accagaagga 180
 gatttcactg agaaagaagt gagtatgatg atggaagcag gtgctacagc tgtagtctt 240
 ggacctcatc gtctt 255

<210> 25362

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700906289H1

<400> 25362

caggaccctt gctctctccc gccgccgtca aagccggcgc gttggctctc ttctctctcc 60
 tcggaatccc actcgcgatt acttacagca taccctttgc tctagcatca atattctcca 120
 gcacctcagg ggcaggccaa ggtttgtctc tgggagtgtc caatcttgca attgtcatac 180
 cacagatggg ggtgtctgtg ataagtggac catgggatgc tctatttgga ggtggtaact 240
 tgccagcggt cgtggt 256

<210> 25363
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906296H1

<400> 25363

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 ttcaacttta gcagtagaaa cagcatccaa tggttaaacag ggctctaaaa ctgggggcaa 120
 taatacaaaa gctacagaaa gcccttgat tgaaccaagg ggcatttacc aggggtcatga 180
 ggacactgtt gaagacgtgc aattttgccc atcaagtgcg ctggagttct gtagttagg 240
 tgatgattct cgccttat 258

<210> 25364
 <211> 286
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906302H1

<400> 25364

cctacgaaac aggctgttgc caagcccaag gccaaagctg cggccacgac tgccaagccc 60
 aagtctaagc ccgctaacgt cgcgccaag aaggctgctg ctaagccagc taagaagaag 120
 acaccgtaa aggccgtgaa gaagcccaag agtgtcgtga agaaacctaa gagcgtgaaa 180
 tcaccagcga agaagactaa ggctaaggct aagaagtgat gatttgatt ggggtttggt 240
 tttggtttgg cggtatagtt ttatgcattc cgggttcatt cgtagt 286

<210> 25365
 <211> 279
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906303H1

<400> 25365

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 acagcaattc aggtggagct agcgggtgga ttaaggatgt aaaacttgaa ggtggcgcat 120

cgtgctcatt ggaagtccta caagcattgc ccattttgaa gaaagcatat ggagacagca 180
 tgcataaggt tttgcatggt ggccctgact cttgttctgt ggtatctagt ttgttagaag 240
 aaggggatac tgaggcttgg ggaatagaac catacgagt 279

<210> 25366
 <211> 194
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906304H1
 <400> 25366

tttgattgca gatgtagtgt agtcctaacg caaccttatt ttctcattcg tcgtcgacaa 60
 cgtaaatactc cattatagtc tgttcgtgct tcctctggta ttcttctttt tgtagtgcctg 120
 ttctgttctc gttctctctc tactaagatc accgccatga tcttcgaatc acgatccctc 180
 ctcttcacgc tcct 194

<210> 25367
 <211> 279
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700906305H1
 <400> 25367

cccctatggt ccagacaccg atgaacatat ncaatttccg cgaacgataa atcataatgg 60
 cacctttctt acgttctggt actattagcc tcttcattga ctcaagggtg tgctcaattt 120
 caaccaaaaa acgaagcttt tatatccttg ttgattaccc aaaatggcct tgactttgtg 180
 aaggagttgc tggatgaaca ggcaatttcc tcaactggct cacttcgatt gccgaatatt 240
 gaaaagactg cgaaaatccc agttgtgggt aatgtctac 279

<210> 25368
 <211> 266
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906309H1

<400> 25368

agcagctcga attgtgagtg acggctgttt tgattgttga ttgctttgaa tcaactgagat 60
 aacagggagt aggagtgcctt gttcttggtg tattgtgtgt acaaaacctg aggttattct 120
 attcaagttg tctttggatg tcagtcatgt gcagcaagaa aatatagcca aaaaattcat 180
 tgggtgttga gattctgtag aatttgacaa aggtgtagcc tgtccaaggt tacctattta 240
 attttgggtt ggaatttgaa gataca 266

<210> 25369

<211> 265

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700906310H1

<400> 25369

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 tcagtctcgc taagccaccc atcttctatt ggttgaataa gcctgggata agcgagtcag 120
 tctcgcaag cccaaagcat ttttaatttc tgagtttttg ttcattgcgt aagcgcaatt 180
 tcttctctgt tttgttttat tttggaattg agcttagtga tcttgctcgc taagccaatt 240
 aagttccagt agttattttg ggcta 265

<210> 25370

<211> 267

<212> DNA

<213> Glycine max

<223> Clone ID: 700906313H1

<400> 25370

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 atggcttaac tcaaaagaac caaattcagt ggtttatgtg aactttggga gcattatggt 120
 catgactagt gaccaattga cagagttagc ttggggactt gcaaatagta acaaaaactt 180
 tttgtgggtc attaggcccc atcttgtggc agggggaatt aattgtgcgt tacccaatga 240
 atttgtgaaa gagaccaaa atagagg 267

<210> 25371
 <211> 270
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906315H1

 <400> 25371

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 ggcgaaaaag gcagtgttga tcggaataaa ctaccagga acaaaggcgg agctgagagg 120

 atgcataaac gacgtgtgga gaatgcatcg ctgcctgac gagcgatacg gtttctccga 180
 agacgacatc accgttttga tcgacacgga cgagtcctac acggagccca ccggaagaa 240
 catccggtca gcgctgacca ggctggtcgg 270

<210> 25372
 <211> 282
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906317H1

 <400> 25372

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 taatggaagt cgggggaagg ttgtcttact atttgatgat aatcccttgt ctaaaattgg 120
 tgtgagatth gataaaccca tacctgatgg agttgatctt ggtgggtgct gtgagggagg 180
 tcaaggatth ttctgcaatg tcaccgatct tcgtttggaa agcagtgtg tagaagaact 240
 ggacaaatta cttattcatt cattgtttga gggtgttttt ag 282

<210> 25373
 <211> 280
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906318H1

 <400> 25373

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 aatgactaga acctcagtt tgaagctatc ccacgatgtc cgccaagaac cgttcccagt 120
 gatgcgtcgc tacatcgtta gcgaccccat tcgctaagag gctatcgaga ctgccgcacg 180

tgttcgcgaa aatactagag cttccttttc cttcagaaga cgacgtttcc gtggaggaaa 240
cgccgcagtt ttttcggttc gtggcgctgt gcaatgccga 280

<210> 25374
<211> 280
<212> DNA
<213> Glycine max
<223> Clone ID: 700906319H1
<400> 25374

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cacatgaacg aggattgcaa ttccagaaca gcgtcgctgt tgttgctctc atcctcctcc 120
ccttcgaatt ccaagatcgt gggagataag cgtggaagct ctcacgcggg tcacggcgct 180
cggaacggg ttaagatgaa agatcttgac gccgttggtc actctgtgga aacgaatagc 240
cgttattcgg gattcaaaaa cgacaaagaa aacactgtgc 280

<210> 25375
<211> 277
<212> DNA
<213> Glycine max
<223> Clone ID: 700906320H1
<400> 25375

gaaaggctcg aacataaggc ggggaagagt tagtttcttc tctcttegat ggaaggcggg 60
gaagagggttc tcccttcggc cactgccacc tccgcgcga cggcaatcc caccgcttcg 120
cctcctccgc tcgctgatct tgtcgggtgt cccgatctcg ctctgcctc ggacgacgtc 180
gttaccacaac ctgaaattca cgcgctgatt tcagacgaag agcacgatca cgagcatgaa 240
catgacgatg acctcgagca cgagcacgat cagcatg 277

<210> 25376
<211> 274
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<223> Clone ID: 700906321H1

<400> 25376

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 ccacctacac ccctccctcc cattgccact tcaacacctt ctccaaaatc gtgctccagt 120
 ggaacgccac gtgcaaagga agacaatttg accgcatttt tgggtgtgtgg cttggtgggg 180
 ttgagcttct cagaagctgc actgcagagc caagagccac tggcattgta tggagtgttg 240
 aaaaggacat cacaaggtag cgttctttgt tgtt 274

<210> 25377

<211> 267

<212> DNA

<213> Glycine max

<223> Clone ID: 700906322H1

<400> 25377

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 agattgtgtg aagatggggg cgggtggccg aactgatgtt cctcctgcc acaggaagtc 120
 agaggttgac cttttgaagc gggtgccatt tgaaaaacct ccatttagtc tcagccaaat 180
 caagaaggtc attccacctc actgtttcca ggttctgtt ttccgctcat tctcctatgt 240
 tgtttacgac ctccacatag ctttctg 267

<210> 25378

<211> 270

<212> DNA

<213> Glycine max

<223> Clone ID: 700906325H1

<400> 25378

aatcaatccc tcatctcatt gctgagatct gcaagctggc tatggactac gaaccctacg 60
 acagtagcgg aactgatgat gaccttccac caaccatca aaagagaatt tccaggggag 120
 gaggaggacg tctcgtggg aatgggagat ctgctgttgg ttcaattcct taccgaagga 180
 tgtatggtga aattgtgaat tggagacca aattcatcag cttgagcaag aagcatacag 240
 ttcagttcta agagccttta aagctcaagc 270

<210> 25379

<211> 265
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906281H1

 <400> 25379

 gtctcaagca accatggcaa tggcaaccca agcctctctc ttaaccccac ccctctccgg 60
 tctcaaagcc agcgaccgcg cctccctgcc atggaagcaa aactccagcc tctccttctc 120
 cagcccgaag cccctcaagt tctccagaac aatcagagca gcagccgccg acgagaccac 180
 agaggcacca gcaaaagtag aggctgcacc ggtcgggttc accccaccag aacttgacct 240
 aaacacccct tccccgatct tcggg 265

<210> 25380
 <211> 258
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906230H1

 <400> 25380

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 ccaactgtcca acccaaccaa caactgagcg ttccggataa ttttatgagg aaatatgggg 120
 gtgaactctc tccaattgtt accctctctg ttctgatgg tagtgtctgg catgtaggat 180
 tgaaaaaagc agacaacaag tattgtttcc ttgatgggtg gaaagagttt gttcaacgct 240
 attccattgg tgttgat 258

<210> 25381
 <211> 217
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906231H1

 <400> 25381

 gaagcatatg cctcaaata tctatacaat acattgtatg ataggacagt aaaagttcct 60
 gaagatgtca ttctcccatc cacatctaaa tgcgccttcc catcaacaat gtattgtctg 120
 aagcatatgc ctcaaata ctatacaatt actgcccttc atgggctctt tcttgccat 180

atcgcaggca aaatttggtta cgggaaatta ttgggtta 217

<210> 25382
 <211> 73
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906232H1

<400> 25382

ttttctcaatc agttagttcc tcttttgctg tggctgattc agttggccat gcggcaggag 60

agcgcattgca aag 73

<210> 25383
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906234H1

<400> 25383

aacaaaagca aagaacccta gacagtcaca gaaccattcc atagaaatgt caggtggttg 60

ccctctttct caagattggg aaccgcgtgt cctccgcaag aaggctccca ctgccgccgc 120

caagaaggat gagaaagccg tcaacgccgc ccgccgtcc ggcgccgaaa tcgaaaccct 180

aaaaaaatat aatgctggga caataaagc agcatctagc agcacttcat tgaacactaa 240

gaggctggat gatgatactg agagtcta 268

<210> 25384
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906236H1

<400> 25384

cagcattggt gactgctgaa gaaggcgcta aggttgtaaa ggtgatgcaa gatggcagtg 60

gggaattcaa gaccatcact gatgccatta aaagtatacc tagtggaac actaagcgtg 120

taattattta cattggagct ggaaattata atgagaaaat caaaattgag aagacaaagc 180

cttttgtcac cttgtatggg ggtacagaga aaatgccaaa cttgactttt gggggcactg 240

cacaacaata tggcactggt gat

263

<210> 25385
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906237H1

<400> 25385

gcagaaagca agctcatcct agagtttttaa aaatggcagc agcctcctcc atggctctct 60
 cttccccatc cttggctggc aaggccgtga agctgggccc atcagcccc gaagtcggga 120
 gggtcagcat gaggaagacc gtcaccaagc aggcctcctc cggaagccca tggtaaggcc 180
 cagaccgct caagtacttg ggcccattct ctggcgagcc cccgtcctac ctactggcg 240
 agttcccagt gacta 255

<210> 25386
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906238H1

<400> 25386

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 tcagcgataa gcagaaagtg gagatcgca aatggttcct cctcaactct cctctcggag 120
 aaatccaata cgttgccaaa gatgtgaaat cgattctcaa caacgacgat ttgtacaagg 180
 aagccgcttc cgaggctttt ccctattaca acaaacgca cttgatttcc attccaatgt 240
 ccaaccgaag cggagacgta ctggtt 266

<210> 25387
 <211> 79
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906239H1

<400> 25387

gaatttgctt gcaactcatg ggtttacaac ttcaggagtt acaaaaagaa tcgcattttc 60

tttgtcaatg atacatata

79

<210> 25388
<211> 98
<212> DNA
<213> Glycine max

<223> Clone ID: 700906241H1

<400> 25388

gcttcatccc aaaaagctct tttccttcta aatttgattc cttagttcag cattctatta 60

ttatatatgg cttcttcttc ttcctcagaa aacaaaaa 98

<210> 25389
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700906242H1

<400> 25389

gttttgtcga gctcacccgt gttcctgttg ctagcacttt gatgggtctt ggtgcttata 60

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atgctgtgga tagggctgat cttttgcttg cgtttggggg gaggtttgat gaccgtgtca 180

ccgggaagct tgaggctttt gcgagccggg ctaagattgt tcacattgat attgattcag 240

ctgagattgg gaagaacaag ca 262

<210> 25390
<211> 205
<212> DNA
<213> Glycine max

<223> Clone ID: 700906245H1

<400> 25390

tctggagggc gagaaaaaga caacagattg ctttctcttc ctgttctctt ccctcacct 60

ctctctctct ctctccgccg cattacaact ccaaaccctaa accttgcccc tccactccct 120

cgcccacca cccgctatct caaggcccgt atccgaatcc gaacccgacc cagaagaaga 180

agctctctca cttcatctcc acaac 205

<210> 25391
 <211> 162
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906247H1

<400> 25391

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 gacaacacac cgatcgccat gaacatcttc accaagaaac ccacggccaa agaggctctc 120
 cgtgatagta aacgacaaat gacaaacgcc actagaggaa ta 162

<210> 25392
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906248H1

<400> 25392

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 gcgatggcaa tggcgcttcg caggctttca tcttcaattg acaagcctct gcgccctctc 120
 ttcaatgccg gttccctcta ctacaagtcg tacttgcttg atgaagctgt ttacgacaag 180
 gagcgacccg gagttacatg gccgaagcag ttgaatgctc cacttgaggt cgtggatcct 240
 gagattgctg atattattga gcttgag 267

<210> 25393
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906249H1

<400> 25393

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 aaggcattac tttcgtagtg gatctctgct cggacattta atgacaaatg tccagacctg 120
 gataatgaga agcttatagc caacttgaaa accatacagg attatctgtg ctcattcaca 180
 tcgcaggggt tgactgtggt caatgtatcg gcaacaacat ttcctcaaac attggattgg 240

ctgcatgggtt accttcttca gtgcatc

267

<210> 25394
<211> 147
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700906252H1

<400> 25394

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ctagtttcat gctaatttct ccaccgtctc tgctcaagcc tcaccaagta cccctcacga 120

ctccattccc tcttctctcaa acccatc 147

<210> 25395
<211> 264
<212> DNA
<213> Glycine max

<223> Clone ID: 700906254H1

<400> 25395

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cacacaagga tcataacata cctatacctc gatatacaca gtcttatgga ggcagagcga 120

gacaagtaca agatgatcaa ctttgaagaa accgagttac gactcggcct cccactcagt 180

ggaaacgaaa cgctcacaac cacttggagc actgggaaga gggttttttc ggctactgcc 240

gtggatttga agcttaagct ttcc 264

<210> 25396
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700906255H1

<400> 25396

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ctattgttca tcgcaagcta cctaacaagt tcgaggctga acctgagaca atggcggaatc 120

acaatagcag attcctctta cgctccttca tccccttctt ccatcgccga atgaactcac 180

ctcttcttcc ttcagcaacg tcatgtcctc ggttaacttc ggggacagct tttgatgaaa 240
aattcacgca 250

<210> 25397
<211> 69
<212> DNA
<213> Glycine max
<223> Clone ID: 700906258H1
<400> 25397

aacaacacaa cagcatacaa gtttcgtatt cgtaacgtag acttgtttca cgcttcttgc 60
tctcctctg 69

<210> 25398
<211> 89
<212> DNA
<213> Glycine max
<223> Clone ID: 700906265H1
<400> 25398

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acaccctctc tctttccctg caaacaaaa 89

<210> 25399
<211> 263
<212> DNA
<213> Glycine max
<223> Clone ID: 700906266H1
<400> 25399

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ggagaaaaca aaataatgat gcaaacagta ctgaatcatc acctctgggt gagaactctc 120
gtgcctcagt tgaccttggt acagttcttg atgtgagtgg tagcatggct ggtactaagc 180
tagcgttgct aaaacgagct atgggttttg tcattcagaa tcttggtcca tcagaccggc 240
tgtctgtcat tgccttctcc tcc 263

<210> 25400
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906267H1

<400> 25400

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 acttcccacg agtggcttta actggtctgg tctggtctgg tcggacacac aaaaatatta 120
 gtatggagaa ggtgagtttt gtgaagaatg gagagcttag attgcctccg gggtttcggt 180
 tccacccgac tgatgaggag ctggttttgc agtactagaa gcgcaaggtc ttctcctgcc 240
 ctctgccagc ctctatc 257

<210> 25401
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906268H1

<400> 25401

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 tgaagttcat ctagaaaatg gaaagctttt agcaaagtct gatggggagg agttcacagt 120
 cagagagggg cattattgtc ctgcattgtc aaaggctggt aaaaccatga agaagggaga 180
 gaaagtgctt ttgacagtta agccacaata tggatttggt gagaagggga agccagaaca 240
 aggggatgaa agtg 254

<210> 25402
 <211> 182
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906270H1

<400> 25402

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 aagactctct caacctgaaa gtcactaaca agagtcatgt tcaacctgag gagaaaattg 120
 gaaggacaga gtaccagctg gtcacttttg atcttcccta cttggccttc cacacaacat 180

ag

182

<210> 25403
 <211> 95
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906272H1

<400> 25403

ctcagatatt tgttggttct ttctctgttg gtaattttct gtttttcatg tttttttaag 60

gtgtatcatt tgtatagaca acttttatca ggaaa 95

<210> 25404
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906229H1

<400> 25404

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tgcaaaagac ttggagtcac tgctggattg gatccgtctc cagttaccaa gtgaattggg 120

gaaagaagcc cttaaattcc ttgaggaaag aaaaaccgag cccttatcac aatttgtaca 180

aattatgccat tatgagttca gcttttagata cttgatatgc acatagattg cctccctttt 240

ggccattgca attttgtata c 261

<210> 25405
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906276H1

<400> 25405

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tcaacagata tcctgcacct ctcaacaact gaagcagaat ttgacggcac tagtggttatg 180

aatcttatta tcagtgaggg tatgggttagg atcaataagg gtagtactaa tttggtcttc 240

aaaaatgtta catctgtttt ctg 263

<210> 25406
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700906277H1

<400> 25406

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acatacactg tctgggctgc gtctgtgcct gttggcggtg gcgtgcaatt aaacccgggc 120
cagtcatggt ccgtggacgt gcctgcagga acgaaagggg cccgcgtttg gtcccgaacc 180
ggctgcaact tcgacgggtc gggcctctat ggatgccaga ccggtgactg ctgggggtgtc 240
ctcgactgca aagcttacgg tg 262

<210> 25407
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700906278H1

<400> 25407

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ctctctcatc cccattccttg gctggcaagg ccgtgaagct gggcccatca gcccagaag 120
tggaagggt gagcatgagg aagaccggca ccaagcaggt ctctcagga agcccatggt 180
acggcccaga ccgagtcaag tacttgggcc cattctcttg cgagcccccg tctaccta 240
ccggtgagtt cccaggcgac tac 263

<210> 25408
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700906280H1

<400> 25408

ccaccagaa ttgttgggtt ccattctcaa aacagagaac aagaagaaga agaaagagag 60

agagtgaaaa cgggaaaagc aaaaagttgt ttctgtgatt gattctctgc aaccgaatca 120
 tcatcagcca cttcttcccg tttcatctct cccatttctt cttttcttcc gctctgggtc 180
 agtaaggcga agaggggttaa cgttattcat aatgggttgca acagccgcta cggcgtcggt 240
 tcttcccgtg cctttgccag ac 262

<210> 25409
 <211> 239
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906183H1
 <400> 25409

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 tgtgggcaac cctaacaatg aggtcactgt taggcagctt gctgaaataa tgattcaggt 120
 ttactcaaag gtaagtggag aacaaaactgc tgaaacacct accattgatg tgagctcaaa 180
 agaattttat ggtgagggat atgatgacag tgacaagaga atccctgaca tgaccataa 239

<210> 25410
 <211> 235
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906184H1
 <400> 25410

tatacgcatc tctccctctc tctccttacc acccaaatg cgtcttctc gccagctcaa 60
 ttacgtgat tcagattcgc ttcttctctt cctttttcta caattctcag atttgaagt 120
 gggtcgggtt ttctgcttaa aaagtctctt tcgggtctgaa atttctttgt tttttggcgt 180
 gtcagtgcc tatgagatag aatctgcgcg agaaagcgac agcaatcatt gcagt 235

<210> 25411
 <211> 236
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906190H1
 <400> 25411

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 agttcataacc taatccgtca tcccccaactt caaattccac ttataccctc atcgtttctt 120
 ttcccttttaa acccatcatc attccctttc aacatcacat tattcccaac gagttgacac 180
 cgattccact cacccaacca tagaacgatt caggcgattt gagctcatcg aacagc 236

<210> 25412
 <211> 235
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700906191H1

<400> 25412

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 caattttctt ttctatgac ccaattccaa atccaaatca ccaattctaa ttccattctt 120
 caggagttga attgaattcg tgatgaagag ggaccacaaa gatagctgcg gcggcgggcg 180
 cgcgcggnag ggactgtgaa gggtgagtgt tcctcaatgc agtcaaacgg gaagg 235

<210> 25413
 <211> 237
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906192H1

<400> 25413

ttcatctgca tgcacacagt tgcatagttt tggaaaccaa gaattcctga agaagggtag 60
 catcaacaag cagttctgaa aatggagatc accaatgtca gtgagtatga ggctattgca 120
 aagcagaagt tgccaaagat ggcgtttgac tactacgcat ctggtgcaga ggaccagtgg 180
 actctgcaag agaacagaaa tgccttttcc agaattttgt ttcggccacg tattctt 237

<210> 25414
 <211> 236
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906193H1

<400> 25414

gttgatgata aataccagta ctctgtgag aacaagggtca acactgttca tggatggatc 60

agtgttgatg ctgctgatgc accacccgtg ggtttctgga tgataacgcc cagcagcgag 120

tttcgtaatg ctgggcccac caagcaggac cttacttccc atgatggccc catcaccctc 180

tcgatgtttg tgagtactca ctatgctggc aaggaggtaa ccatggcatt tcaaga 236

<210> 25415

<211> 242

<212> DNA

<213> Glycine max

<223> Clone ID: 700906195H1

<400> 25415

caggttcagc agtgaccaga aagttttctt tgacgccttt gaggcttcaa tgattaagat 60

gggtaacatt ggtgtgctca ctgggaagaa aggagaaatc agaaaacatt gtaactttgt 120

taacaagaaa tctgttgacg ttgatattgc tagtgtggcc tcagaagaat catcaacaga 180

gggtatggtt acctcaatct aaatggatta ggatgaatag ttttcactta aaatgggtgtg 240

at 242

<210> 25416

<211> 272

<212> DNA

<213> Glycine max

<223> Clone ID: 700906201H1

<400> 25416

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gcagcaagtc cctcccaaaa ctcttgagc tgatattggt ggcaatgctt ttgttgatca 120

atactaccat atgttgcatg aaagccctga gctggtgcat aggttttacc aagatgtcag 180

caaacttggc cgtctgagc agaatggcat aatgggtatt acaaccacaa tgcttgatat 240

taacaagaaa atactatcat tgggttatgg gg 272

<210> 25417

<211> 273

<212> DNA

<213> Glycine max

<223> Clone ID: 700906202H1

<400> 25417

atccaatttc cctatctctc tctgtctcta tatctgtatg gctgaatttt gggaaatagaa 60
 aaaccctaag caaagcaaag cggtaaggat ggggaacacg gagaagctga tgaaccagat 120
 catggaattg aaattcactt cgaaatcgct gcagcgtcaa tcgcgtaagt gcgagaagga 180
 ggagaaatcg gagaagctga aggtgaagaa ggcgatcgag aaaggcaaca tggacggcgc 240
 tcgaatctac gcggagaacg cgatccgtaa gcg 273

<210> 25418

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700906203H1

<400> 25418

agccttcaga tgctattgtc tctaatacgt tcaatggcct catgaagtgg atgataattt 60
 tccatatttt attcctacgt ctgtaataga aggagacctt atcgccgtgg tagaaatcac 120
 tctccgcaaa gaattgatac catggttgta caacatatct gtgccaatt ccaatgtgaa 180
 ggaccacaac attccactgc aatggaagtc caaatcttct acgtgcatac acagggtcgt 240
 ttccttagtc agttagcaag tgtga 265

<210> 25419

<211> 216

<212> DNA

<213> Glycine max

<223> Clone ID: 700906207H1

<400> 25419

aaagaaagct ctctcagagt agagtttgag atcatgaatc agcaaataga tgagctaaaa 60
 gaaaagttag agaaggtgga agctgataaa gctgaactag agatagcttt gatgaaaagt 120
 gaaggggtga tggaggagtc acagcttcag ttgagggagg cacaagagaa attggaggag 180
 ttgcaaagag aggtagaaaa tgctacaaa tcaaag 216

<210> 25420
 <211> 269
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906209H1

<400> 25420

cgatcttatg agaactagta taatatcatc atcaagattt gtgcttagaa aagaagaaga 60
 atgcaaagta ataaaacatg ttaacagtat aggccaactg cgggaggcag gtcttaaatt 120
 caaggaatat agtggcattt gaggaatgtc acctttcaga tgatacaaac atcattactc 180
 aataccgtaa gattctagat ttgcttatca acactgaaaa agatgtgaat gtactagtgtg 240
 ataaggaaat tattgtcaat tggatgggt 269

<210> 25421
 <211> 183
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906210H1

<400> 25421

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 tctaaaactt ttcgcatggt aacagccaaa tgaagcagaa cagaggaatt caggatcacc 120
 aaccctaadc aatgcatttc aattgatagg gatgtcttca tgcttagacc tctctggctt 180
 ttt 183

<210> 25422
 <211> 173
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906211H1

<400> 25422

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 agacacagaa ttccatccac cacttctctt ttcaatcccc aactcaaadc tgtgaagaaa 120
 atctcagatt tctagattgt aattcttagc actactgcta gtagtagtaa aaa 173

<210> 25423
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906212H1

<400> 25423

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 gtggaaaaca catgggttcg gagtttagcac atcgaattgg catcaatgaa gttgctgaga 120
 gcattatggc tttcaacacc aattacaagg acacgggtct ttttgggtgtt tatgctgttg 180
 ccaagcctga tagcttggat gatttgtctt atgctataat gtatgagaca accaagttgg 240
 cttatcgctg ttcagaagat gatg 264

<210> 25424
 <211> 210
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906213H1

<400> 25424

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 agaaagagaa ggatcaca~~aaa~~ aaggaaaaga aggataaaga ggaggggtgag aaagaggata 120
 gcaaggttga agtttctgtt agggatattg atatagaaga aatagaaaaa gaaggtgaaa 180
 aagaagataa aggaaaggat ggtgggaagg 210

<210> 25425
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906214H1

<400> 25425

attcgatctc ctcatctcca agaatggtgc caaacagaat tcatgttacc tgtgcattag 60
 tacatgagaa aatgcacacc ggaaggattc acaaaggagt gtgtacaaca tggatgaaga 120
 attctgtacc attggagaaa agccaggact gcagttgggc tactatTTTT gttaggacct 180

ccaacttttag actcccttct gataataaag tgcctataat catgattggt cctggcactg 240
gattggctcc tttcagaggt ttcttgacag 270

<210> 25426
<211> 63
<212> DNA
<213> Glycine max

<223> Clone ID: 700906215H1

<400> 25426

agacagcata tcttaatatc ttccatgctc catccagttg ggcacgacga gtctaaacga 60
gaa 63

<210> 25427
<211> 269
<212> DNA
<213> Glycine max

<223> Clone ID: 700906216H1

<400> 25427

cccaaaaccc gaacctccgc ttcggatcct aatccagtaa tccctgatgg gaacggaacg 60
ctacacttac atggggcgca gtttgagcga actccgcata aacgacgatt cctcttcttc 120
cgcccttcagc gactgcaaca gtgacagatc tggcgaaatc gccaccgctt cttcgcaaac 180
gcgggcggttt ctcatcgctt gcgccaccga aaattccgac gacttgatcc gccaaactcg 240
cgccgatctc cactcctcct ccatcgacg 269

<210> 25428
<211> 206
<212> DNA
<213> Glycine max

<223> Clone ID: 700906219H1

<400> 25428

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cttctctctt gctcttgacg gagagagcca tgtccatgca tcgctacctg aggaagatta 120
ttgggaagct gtttggccaa aactcccat tccactgca ctgagagagc ttctaaagcc 180

tctccctgca ggtgttgaaa tcgatg

206

<210> 25429
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700906220H1

<400> 25429

gaaatcgga gaaggattag ggtttgtgga gatgcaaggg caaggcggtg atgaagtgag 60
catagaagag ttggcgtcga atctttccct ctacaaagat caactgaacc aggttagaga 120
actcttaaac gatgaccctg caaattctga atatgttgac atggagaggg aactttccga 180
ggtaagctca attcaacccc agttttgatg ttttgtttcc gccttgttct ctatcattca 240
ttcatcatcg agtaagcaga tagatcc 267

<210> 25430
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700906221H1

<400> 25430

acaatggctt ctgtgcctca accaaaaatc tcccttctaa ccttattctt cttctcgtcc 60
ttcaccatca ttgcgcatgc aattgttctt caaaacgaaa cttcaaatt tgagaactca 120
ggtgaacttg gaccctacat cgttgagtac ggtgcagatt acagaatgat aagcatcttc 180
aactctccat tccaagttgg tttctacaac accaccccaa atgccttcac tctagctttg 240
cgtgtagggc tccaacgctc ggagcag 267

<210> 25431
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700906222H1

<400> 25431

caaaacggcg ccatgcctac cgtcagtgtg gggcgggac gctgtttgcg gctctaggaa 60

agacttacac gcaagaggaa ttccaagact tgtgcttcag tttcgggatc gagcttgacg 120
 acgtcacgac ggagaaggca attgtgagaa aagagaagca tttggaggaa gaagaagctg 180
 atgaggacga agaagttatc tacaaaatcg aagttcctgc caacagatat gacctcctgt 240
 gccttgatag gcttgctcaa gccctcc 267

<210> 25432
 <211> 240
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906182H1
 <400> 25432

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 tctgctctta aacgccgtcg ttttcaaact ctttttttcc ccttcgtttc tctgtctttg 120
 taaccgaaag gggggaaaat ataattaaca ccgattttgc gaccaattct tcttctgcgt 180
 tgaattggga caacgagaaa ttggatctca gtttttggca ggaaataaaa attgcatttg 240

<210> 25433
 <211> 265
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906223H1
 <400> 25433

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 ttgctccgtt tcatagtaat atttgctcta tgttacagaa caatggcttt ggtgaagttg 120
 ccaccaaacg cttcatcagt tccggcgggtt ttagcgtttg gagattcgat cgtggactca 180
 ggcaacaaca acaacataaa aacactgatt aagtgcact tcccacctta tggaaaagat 240
 tttcagggag gatacccaac tggtc 265

<210> 25434
 <211> 191
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906226H1

<400> 25434

gaaaaatccc cacaattggt gcgagtcctt gaagctctga aagaagccac ccacgacatc 60
 caacgacacc actcctcgga ttccccagcc ataaaggcac tcttggaact cactccatt 120
 ctctctctct cggaccccta cctctccgct ctctccgacc acctcatccg cctcaaaacc 180
 ctcgccact c 191

<210> 25435

<211> 146

<212> DNA

<213> Glycine max

<223> Clone ID: 700906228H1

<400> 25435

ctgaggcact gaaagtgtga tatggcaaga gtcatttctt cttactgcgc acgcctcgca 60
 atgcgcctct tctccaccag caccacagcc aacgcgttcg ccgtcacttt acccaaacc 120
 tcactactct ccctctcatc gggtcg 146

<210> 25436

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700906146H1

<400> 25436

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 aaaggttcac atcagtattg tggtcattgg ccatgtcgac tctgggaaat cactaccac 120
 tggtcacctg atttacaagc ttggaggcat tgacaagcgt gttattgaga ggtttgagaa 180
 ggaagctgct gagatgaaca agaggctctt caagtatgcc tgggtgctgg acaaacttaa 240
 ggctg 245

<210> 25437

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700906147H1

<400> 25437

tatcaatcaa atgaatggtg ccaattctgt ttcagaagat gaaaatgagg atcttcttgc 60
 tgactttatt gatgaagatt gtcaactacc aagtcgaagt tctaaacccc atcattcaag 120
 tagactctct tcacatgtta atgacgaaga gaatacaaca caaactggat cttctctctg 180
 tctattaaag tctatggata aatatgcaag gcttatgcag aaattggaag tggtaaattg 240
 tgagtt 246

<210> 25438

<211> 72

<212> DNA

<213> Glycine max

<223> Clone ID: 700906149H1

<400> 25438

tcgctctcgc ggtctgtgtc ccggtctgag catggaggaa gacaacagtc aatcaaaaac 60
 cgagaacccc ac 72

<210> 25439

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700906150H1

<400> 25439

tctttcccca atttgtgagt gttactgttg aatcgattgg attggcatta gttgatctg 60
 aaatacgcaa ttgacatggc gagcgcgatg gtagaggacg cgaacttcga agatgaccaa 120
 ctagccaata tgaccaccga cgacatcgtc agagcttctc gtcttctcga caacgagatt 180
 cgcatectca aggaagagtt gcagaggacc aatttggaaat tggaatcgta caaggacaag 240
 atcaa 245

<210> 25440

<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700906151H1

<400> 25440

gcactctctt gttttctctc tcacctcat atccatcatc ttccacaccc atggagcgtc 60
 ctctgagcaa tcaataatca agttaccac agaccaacca agggtagaga aactgacca 120
 cttgcatttt ttctaccacg acatcttaga gggcaagaac atcacggtgg tgaaaatcat 180
 cgagccatca gcgagcgagg ttcgtgaagc aactgggttt ggaaccactt tcatgatgga 240
 caa 243

<210> 25441

<211> 81

<212> DNA

<213> Glycine max

<223> Clone ID: 700906152H1

<400> 25441

gcagcctctg ctctgttctt cctcgacatc aaaggccgcg tcctcatctg gcgcgactac 60
 cgcgggcgacg tctccgccct c 81

<210> 25442

<211> 236

<212> DNA

<213> Glycine max

<223> Clone ID: 700906153H1

<400> 25442

gtttgttcca gcgttgaaaa cgtgcgctcg gattaaaata accgaccga acccgaaatg 60
 ggatatggaa acaatgcccc gtgctagagt catgagtgac atggttttac tcccgaacgg 120
 cgacgttttg attgttaatg gagcagccgt agggactgcg ggctgggaat tgggccgtaa 180
 cccgctactg agtccgtttc ttataaaacc aaataatcgg gtcgggtcga gatttg 236

<210> 25443

<211> 239

<212> DNA

<213> Glycine max

<223> Clone ID: 700906154H1

<400> 25443

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 cggaggcaaa tgtgcaagca atgcagtttg ataaagcaga ggagctgtgt aagaagacac 120
 aggagattca tggggcacat agtgaaccgg cttcgcttga ggaagctgca gataggaggc 180
 tcatggcgct gatttgcgag gcgaaggag attacgaatc agcgttggag catcttgtg 239

<210> 25444
 <211> 242
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906155H1
 <400> 25444

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 ttogatcctc ccttcgtaga tctcaatcga aaccctcgat ttccgcatcc gcatcgaggt 120
 tcacgtcacc caaccgtgcc tctccgcacg gttacttgct gaaccgcgtc gccgaatacg 180
 ctaccgcggc ggcggtgct accgctctc cctctgctcc gcctccgggc aagaaggagg 240
 tt 242

<210> 25445
 <211> 244
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906156H1
 <400> 25445

atcagactag agagagtaag agtaagagaa gagatggaaa gagtagcatc agtatctcgg 60
 ccactgaaaa tatacttcct cccattcttc tcaccggggc acctaatacc tctggtccag 120
 ctggctcgct tgggtggcggc acgaggccag cacgtgacca tcatcaccac ccccgccaac 180
 gctcaactct tcgaccagaa catcgacaag gacaccgcct ccggccacca catccgcgtc 240
 caca 244

<210> 25446
 <211> 241
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906157H1

<400> 25446

gaaacagaca cgtggtgggt tggaataaaa ttgocatgt ttacgacaag ttctgtaggc 60
atgttgggtgc ctccatagca gtggctttgt ttggaagcgt tgtgacagtc ttgctcattt 120
ggctttcagc ttacagcatt catagccgag tccccaaagta gatggaagga acatggatca 180
tgcattctgc atatttatgc atacatcttc atttattggt tataaagtta gtgtgctcag 240
t 241

<210> 25447

<211> 242

<212> DNA

<213> Glycine max

<223> Clone ID: 700906158H1

<400> 25447

cttgattctg ttgttatttg catttgaagc tggttgcttg gggacgaaag tatttttttg 60
ctcagagaca aatgaaaaaa aaaatgtaaa acaagattgt tacatgcatg tggatgtaca 120
aaatgctgct acatattgct tgaaatttta caataaggaa acaaaaaaaaaa ttgaaatgc 180
aatatgtaaa aatcaagtct tttataccgt gagtgattat tgacgaataa agcctgctaa 240
at 242

<210> 25448

<211> 240

<212> DNA

<213> Glycine max

<223> Clone ID: 700906159H1

<400> 25448

ggctttgcga gctgcacatg gaaaatgggg aaagctggga gctgaagagg aagaagaaga 60
agaagaagaa gaaaaggagg aggggtggtga gtttggtggt gttctgagga tgtgggaggg 120
tgaagttctt gattgtttcg atgatcatcg catagctatt gaatccacgt gttgtccttg 180
ctaccgattt gggaaaaaca tgaagagagc tggttttggt tcttgctaca ttcaggcagc 240

<210> 25449

<211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906161H1

<400> 25449

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 tggcaggagc agaggggcta aacagagaac agtacgtgta ccttgcgaaac tgtcggagca 120
 ggcggagcgg tacgaagaga tggaggagtt catgcagaag gtgggtgggtgg ggtggacgcc 180
 ggcgtcggag ctcacgggtg aggagcgcaa cctcctctcg gtggcctaca agaacgtgat 240
 cgg 243

<210> 25450
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906162H1

<400> 25450

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 aaatgatgaa gccatcgatg ctcagatctc tccactccgc cgccaccgcg ggcgcctctc 120
 atctcttccg ccgtgggtac gcctccgagc cgggtgccga gcgcaaggta gccgttctcg 180
 gcgcgcgcgg ctgggatcgg gcagcctctc tcccttctca tgaagctcaa tcccctcggt 240
 tcgagc 246

<210> 25451
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906163H1

<400> 25451

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 gttcacttgc gattatggcg tctgagagcg cttctcgatc gagttccgcg gccgattcgt 120
 acattgggag cttgataagc ttgacctcta agagtgagat cagatacgaa ggcatactct 180

acaacatcaa caccgaagag tccagtattg gcctcagaaa cgtgcgatct tttggaacag 240
aagga 245

<210> 25452
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700906164H1

<400> 25452

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tgagtgatga gcâtggagca tttgccagga gaattggtgt ccaacgtgct ctcaaggtta 120
ccatcgaagg tgttgcttct atgcaagtgc gtgtgcaagt cctgggttcga tctcataacc 180
gatcctcatt ttgtttccaa ttactatgtt gtctacaaca gtcttcaaag ccaagaggag 240
catctct 247

<210> 25453
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700906165H1

<400> 25453

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aagtcttgca aggctagagg cgccgacctt cgggttcatt ttaagaacac tagggacact 120
gcctttgcaa tcaggaagtt gcccttggtt aaagctaaaa ggtacttgga agatgttctt 180
gcgcaacaagc aggccattcc gttcagacgt ttctgtcgtg gtggttggaag gacagctcaa 240
gcaaaga 247

<210> 25454
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700906166H1

<400> 25454

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 aggatctcca cagtcggcaa ctgcgtcgtg atgggcgaga gaccatgcgg aggctctttg 180
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 ttct 244

<210> 25455
 <211> 240
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906167H1
 <400> 25455

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 agatgtaatt tatgaaaatg ttgatagtga agtcagttgt atttttcctt ctggagagtt 120
 gatgtttcga cgccttgtat tcgagagagc tgcaaatttg gtgcagtctg aagctttgct 180
 aaaagatgaa cagttgccta ccaaattggt tagtgagaca gggaagaaga aaaacaatgc 240

<210> 25456
 <211> 81
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906168H1
 <400> 25456

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 atcactctct cagctgatcg g 81

<210> 25457
 <211> 231
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906170H1
 <400> 25457

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atcactttcc tctgctctct tcttgagagg gtggctgagt caaatgatca caaccaacac 120
 ctccaacagc accagaagat ctgagtgttc catggcctga caaggcaaac atctcaattc 180
 agtgcctatct tgagagaatc ttcaagtacg cgaattgcag cccttcatgc t 231

<210> 25458
 <211> 242
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906144H1
 <400> 25458

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 ttaacattct aaagtagtat tagccattaa cattacatcc tacaccttca aaagttctct 120
 ctattagcgg tttctgggtt cttttgttct tcttctttgg tagttgttag gtttggtgag 180
 gtctaagatg ttgagcatta agaggggtcc cactgtgggt tcaaattatc aaaaagaaga 240
 ga 242

<210> 25459
 <211> 237
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906175H1
 <400> 25459

cgcatttctca ttgggttcag tgagagttct ttcttttgtt tgcaactcat taaagttaat 60
 gcctttcaag tccattcaca ctgttggtcag ttttcataga gagatctaga cactttaacc 120
 atttgggggtg tgaagaacaa tcaaactaac ttgtgggggtg tgtgtgaggt tcatcaatct 180
 tcatcaagag tcaactgaatt ggtgaccctt tgatcaaagg gccaaaaggg taccgg 237

<210> 25460
 <211> 232
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700906178H1
 <400> 25460

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 cttctgtaca tgcagctata tgggcaccta agacctatgt gtcttaagtg ggctgttcaa 120
 ctaggtattc cagacatcat acaaatttat gccaaaccca tttctctttc tgacttggtc 180
 tctactcttc aaattccacc agctaacgct gtcacngtgc agcggttcat gc 232

<210> 25461
 <211> 238
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906179H1
 <400> 25461

acagattact gagattgttt tgtttttcat ttttggttgt tttttttggc ggaaataact 60
 cgtaataagc atgacaagca ccatgcaact aactatgggtc aagggcacga tccctgatgc 120
 tttgagtaga agagtgtgtt gtcagtgtca agcatccctg tggccgcat gccgaattgg 180
 gttttttgct cccgttcccc ttgtgaggag agtttcgagt gagaggggtg cgacactc 238

<210> 25462
 <211> 245
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906180H1
 <400> 25462

agattgggca tccatttctg ttcttccagc ttctccaatc gcttgtatga gaagaatgaa 60
 tttgttgaat agtaacatga gatttaggaa agccgtgaat aatctttgta gcatgctcag 120
 tgaacgatat gcaaagcaac tggaaaagtc ccagtactcg tcattaaaca atgatcgcaa 180
 acagtttgtg cgatcccagt cctgtgaagg aatctcaaga aaatgaagaa attacatcag 240
 ctatt 245

<210> 25463
 <211> 241
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906181H1

<400> 25463

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 tgatgcagtt cttaggagac tggtaaagag aatatacgta cctttaccag atgaaaatgt 120
 tcggaagctt ctgctgaaac acaaaactcaa ggggtcaagca ttctccttac taagtagaga 180
 tcttgagagg cttgtaaagg agattgaacg atattctggc agtgatctgc aagcctgggtg 240
 t 241

<210> 25464

<211> 266

<212> DNA

<213> Glycine max

<223> Clone ID: 700906095H1

<400> 25464

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 tctggaagcc gcatttgagg agaaaacgga gaataacagg ttctgcgtgg tggattttga 120
 gattggaaag ggaaagtcag tatttgcacc tcctcaacgc gctctcggcg cgtgaccaga 180
 acgcggtggt gaagatcgcg gctgtggcgg agaacggcgg cgaggagaga gtgcgcgccg 240
 tgggagacat gctgagtcta ctcgca 266

<210> 25465

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700906103H1

<400> 25465

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 caccagaaa gaaagaaagc agggaaaaaa caaaaaggcg cagatgggta gcacaggttt 120
 ctcatggaaa ttggcggatc atccaaagct tccaaagggt aagactgtgg ctgtggtggt 180
 gttggatggt tggggagagg ccacacccaa tgagtacaac tgcattccaca aggctgaaac 240
 accctgcatg g 251

<210> 25466
 <211> 248
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906108H1

 <400> 25466

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 gtcaccaaatt ttgacagcag cgaatggaag gtttccttta gaagaccttt ttgggaggaa 180
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<210> 25467
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 <213> Glycine max

 <223> Clone ID: 700906109H1

 <400> 25467

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 <223> Clone ID: 700906110H1

 <400> 25468

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 aattctcaga tatcttctgt tgatttcctt caaccacgat cagtgtcgac tgggttgggc 180
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<210> 25469
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906112H1

<400> 25469

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 ggtgggttttg gccgtgtctt tcatagatct ggtgcgtaga ggctcagatc tacggtaccg 180
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 cttgttc 247

<210> 25470
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 <213> Glycine max

<223> Clone ID: 700906113H1

<400> 25470

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 ccgtgggtga cttccttcac cccgaaggat ggtgcccatg ggccggtgaa cacttcgaag 180
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<210> 25471
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906114H1

<400> 25471

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 gcaatgtcga aggggtgtggg ggtatcagtg cctgttcttg ttctatctgc tttagtggcc 180

actgttttcc tgtttcttct tttgtctct ctttcctcct gctcctgcc tactccttca 240
gaaatatctg 250

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<213> Glycine max

<223> Clone ID: 700906115H1

<400> 25472

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gaaggagcaa taggtctagg tcaaggtgat ggcgtagcaa ggacagcact gagactgaac 180
tcacccaaat ccgtctcttc agggcaattg ttgaaaccgc tgatccctct tccaaggtaa 240
accacactat t 251

<210> 25473
<211> 141
<212> DNA
<213> Glycine max

<223> Clone ID: 700906116H1

<400> 25473

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catctgggtcc atggccagcg t 141

<210> 25474
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<212> DNA
<213> Glycine max

<223> Clone ID: 700906117H1

<400> 25474

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tcaggaagtg aggat 75

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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906121H1

<400> 25475

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 gttatattcc agcaaatacct gaggatgagg atgtacatgt tgacaatgaa gccttttcct 180
 cccatgaaga accaaatgaa gcagaacaga ggaattcagg atcaccaacc ctaatccgtg 240
 cattt 245

<210> 25476
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906122H1

<400> 25476

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 cagaacttgt ggccacgcaa agcttcaaag aactcatcag atccattggt aaagcttggt 180
 catgaactgc agagagattt ggaattagta tatgttgggc aagtttgcct ctcttgggaa 240
 atc 243

<210> 25477
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906123H1

<400> 25477

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 cca 243

<210> 25478
 <211> 246
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906125H1
 <400> 25478

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 gagatgctaa ctcgaaagttt gagaatgtga ttttgagcaa gattgactca aagttgggtg 180
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 ttctta 246

<210> 25479
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906126H1
 <400> 25479

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 tccatcacat actctcaact gtggttgaca gagacaccac tgggaatgcc aaaaaaatgt 180
 gccttcttgg ttgcagcttt gtggttgaga ttcataaggt gatacctttg ctattgattc 240
 ccca 244

<210> 25480
 <211> 245
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906127H1

<400> 25480

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tacttcagtt acatactatc aaagtttagag aacgaaggaa cttttgtact ttctctggcg 120
tgtgtgtgtg tgctgtctc acaccacaaa cactgaaagt acaatcttct tgtgggttaca 180
aaaactctga aaaacacaca cacacacaca cttcttatgc ctatggctgg tgagcaaggt 240
gatag 245

<210> 25481

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700906128H1

<400> 25481

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attccccctc acaagacatt gcagtctgcc attacttoca aggaatcgga atcttcaagc 180
tccaataaaa ttatatggct gcattttggg gttaacagtg gtgcaacaag gtttgctata 240
gagc 244

<210> 25482

<211> 120

<212> DNA

<213> Glycine max

<223> Clone ID: 700906133H1

<400> 25482

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<210> 25483

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700906134H1

<400> 25483

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 cccttctctt ccataccctc cctgaccac ccacactctc atggcccgaa tccgccaccg 180
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<210> 25484

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700906136H1

<400> 25484

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 ataggcagtg gcttggttaa gggaaaccac cggagccgta gcgaaagcga gtcttcacag 180
 ggcaattgtc actgcttatg gacccgaacc tgggtgatct atccatgacc aggatgaagc 240
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<210> 25485

<211> 242

<212> DNA

<213> Glycine max

<223> Clone ID: 700906137H1

<400> 25485

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 acaatgattg cgggagcccc ttttgttctt cctcttgctc acaaacataa cataaaaatt 180
 cttcccgctg attcggaaca ttctgcaatt ttctagtcta tccaggggtt gccactgggt 240
 gc 242

tcctcctcct cccaagcagc aatcgtcggt cagtgcctccc gaagagaacc gttcgaagca 120
gcagcagcgc aagaggaaga gaatgaagct tcaagaagaa gaggaagagg aagaggagaa 180
agaggaagag aagaagaaga agaagagaaa gatcaaagac aagcaagaag agagatcgaa 240
cg 242

<210> 25492
<211> 265
<212> DNA
<213> Glycine max
<223> Clone ID: 700906065H1
<400> 25492

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gatgcagtgg gtgaggctgt gaaagctggc accaagaagt ttgcaacgaa aaacgctacc 120
gtttttgggt ctcaaagagt gcatactctt gttcagtgcg cgccagatct atcaagcgaa 180
gattgcagta agtgtttggg tgatattatg agagatatcc ctttgtgttg tctcggaagg 240
agaggtggaa tggttctatt tccaa 265

<210> 25493
<211> 262
<212> DNA
<213> Glycine max
<223> Clone ID: 700906066H1
<400> 25493

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gacctcctta caggtgatga gcttctctct gactccttcc gttacaagga aattgagaat 120
ggaatgctgt gggaagtga ggggaagtgg gttgttaaag gagcagttga tgtagacatt 180
ggtgcaaacc cttctgctga ggggtggagga gaagatgagg gagttgatga tgcagctggt 240
aaggttgttg acattgttga ca 262

<210> 25494
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700906067H1

<400> 25494

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 ctccctcccg tttctgatcg ccccgaggtt ccagctcgag ctgctgagac agctgctgta 180
 gctcgtgctc ttgcagggtt acctcctcat cagagataca gtctttcttc aagttcagaa 240
 gaactaagtt caatatatgg 260

<210> 25495

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700906068H1

<400> 25495

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 aagacggaag cgtttgggct cagagcacca acttccctca gttcaaacct gaggaaataa 180
 ctgccatcaa taatgacttt aatgagcctg gatcacttgc tccactggat tgtatatcgg 240
 tggcaccaaa tacatgggtca 260

<210> 25496

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700906070H1

<400> 25496

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 ctacgtgcc acatgggcct ttgatcacat caaatatttc aatggtggtt ctgacattca 180
 gcttcattt gacaagtaca ctggtactgg cttccagtcc aaagggtctt acttgtttgg 240
 tcacttcagc atgtaca 257

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<210> 25497
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<212> DNA
<213> Glycine max

<223> Clone ID: 700906071H1

<400> 25497

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cgtgtgcttc acttagctca agagcgtaca attcaggcaa aggccttgaa gtcggagtgt 180
gttaagggtt cttaggagtt gctgctgtct tgactgaaga aatggaggta taagcttagc 240
tgctcagggt ctaatata 258

<210> 25498
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<213> Glycine max

<223> Clone ID: 700906072H1

<400> 25498

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tagcttcttc ctcttcactt cgcttctctt cgctctaca atgagcttcg actaggacac 120
attcaacgtc gccgatctca cttctgctct caacgaggac tatagagcag accttgtaa 180
tgctcttaag agcaagatac agagtttggc tggacaacac tcggatattc tagagtctct 240
gtcgcccaat gtccgaaagc 260

<210> 25499
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<212> DNA
<213> Glycine max

<223> Clone ID: 700906073H1

<400> 25499

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atggactcat tgatgccatc atgggatcca ctgctattac catctccaac agccatttca 180
cagaccacaa tgaggtgatg ttgtttggtg ccagtgacag ttattctgat gataagatca 240
tgcaaatac cttggcatt 259

<210> 25500
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<212> DNA
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<223> Clone ID: 700906074H1
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atgactgggt caaatcaact ggtacccttc gtcttgatcc tgaggggtgag aacagtaaga 240
ttcaaaagaa tcctcattac 260

<210> 25501
<211> 261
<212> DNA
<213> Glycine max
<223> Clone ID: 700906075H1
<400> 25501

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catcagttga ttaaaatttg atggataaca ataattggag acctaataca ggcactgaag 120
ccaatatgga tactagtgat tggagaggtg gactgccgca cgagtcacgc caaagaattg 180
tcaacaaaat aatggacacg ttaaaaagac atcttctgt ttctgttcaa gagggattgc 240
atgaacttca gaagattgct c 261

<210> 25502
<211> 130
<212> DNA
<213> Glycine max
<223> Clone ID: 700906076H1

<400> 25502
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 tttcctttta 130

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 <213> Glycine max
 <223> Clone ID: 700906077H1

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 acgacttaat actttctttt aaacacactc tttctatcgc gctctctcac tttcccgctc 180
 tcgcggaag gtttgagacc gattccaacg gttacgttaa tattgtatgc aacgacgctg 240
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<210> 25504
 <211> 260
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906078H1

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 acgagcattt cttcggcgag atgggttcgg ggcagattgg cggcggcgga aacggtggtg 180
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 tggagaacca acaatactac 260

<210> 25505
 <211> 265
 <212> DNA
 <213> Glycine max

<210> 25508
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 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906082H1

 <400> 25508

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<210> 25509
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 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906083H1

 <400> 25509

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 aggtatatgc aacagcataa tgaagttgag ctctcagcac taggaatggc tattgctacg 180
 gtggttactg ttgctgaaat cttgaaaaac aatgagcttg ctgttgaaaa gaaaatcaca 240
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<210> 25510
 <211> 259
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906084H1

 <400> 25510

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 acaactacac caatgagctt tttgctgtca agtttattga gagaggccag aagattgatg 180
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<210> 25511
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906085H1

<400> 25511

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 tgatcaagca ctgggtttca gttttgagga atgagcaaac tccttgcccc atcttcagaa 180
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 ctgtttctgg agag 254

<210> 25512
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906087H1

<400> 25512

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 tgggggGcag 250

<210> 25513
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906089H1

<400> 25513

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gctcatgttg atcacggaaa atcaaccctg actgattctc ttgtggctgc tgctgggtatt 180
 attgctcaag aagttgcagg tgatgtccgt atgactgata cccgtgcaga tgaagctgag 240
 cgtgggtatta caatcaag 258

<210> 25514
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906090H1
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 accactggtc acctgattta caagcttgga ggcatgaca agcgtgttat tgagaggttt 180
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 cttaaggctg agcgtgaa 258

<210> 25515
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906093H1
 <400> 25515

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 gcgaacaaag cacaattagg tgaatggtat aatactaattg tggggccttt agatcaaaga 180
 aagagcaccg tggacccagc attggtgact gctgaagaag gcgctaaggt tgtaaagggtg 240
 atgcaagatg gcagtggg 258

<210> 25516
 <211> 257
 <212> DNA
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 <223> Clone ID: 700906063H1

002220.F1T560

<400> 25516

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aaatagaata agttttggga ggagtcccat gcatgcaa at gcagaagcac ttcaccaaga 180
cagtgcacaat ctgatactgg aacatgtaaa tgcagaaaga gcgggggggg cagtctcgca 240
gatttcttat gcagact 257

<210> 25517

<211> 273

<212> DNA

<213> Glycine max

<223> Clone ID: 700906029H1

<400> 25517

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tcgattccga ttgcaccca tctccacact ccaccttgag gaagagcttt tctgactcct 240
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<210> 25518

<211> 270

<212> DNA

<213> Glycine max

<223> Clone ID: 700906030H1

<400> 25518

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ctccctgaa agaacagttt ccacgcggtt tgtttactct gctagctttt tgcttattct 180
cttctgctt tagctgcacc agcattgttt gttaaagtgt taaatggctc ttagattttc 240
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 <211> 274
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906031H1

 <400> 25519

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 ggaatagccc aagtcgctgc catgcacggc atcgacgttt ggcttcacga cctcgacctt 180
 caagctctct ccaaagcctc ctctccatc tcttctcca tcaaccgttt cgtttccaaa 240
 aaccacatct ctcaggttgc ggggtgctgat gctt 274

<210> 25520
 <211> 275
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906033H1

 <400> 25520

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 ggcagcaaca acaacaacct ccctctgaac gtcccttcg ccccttctc ccgctccgac 180
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 cccgccgatg ccgtcttcga cttcgccaac gacga 275

<210> 25521
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 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700906034H1

 <400> 25521

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gggatcttga ttctgctttt gagattgtag aagaagcgag aaactctgag ttttcttacc 240
ctaatttagt tacttactcg acccttatgg acg 273

<210> 25522
<211> 77
<212> DNA
<213> Glycine max

<223> Clone ID: 700906035H1

<400> 25522

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tctgtccaag gaacata 77

<210> 25523
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700906037H1

<400> 25523

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gggtctatcta tcccttggag aattaaagaa acttagaatc cttgttgctg atgcaaaagc 180
aaatgatatt aaagtagcac ttgctttagt aaaaagaatg cttgaaagaa acacattcct 240
ttttggctct gttgacttga tggaag 266

<210> 25524
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700906038H1

<400> 25524

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aaggagtgc aattcacagc cccatcatag ttcaacttaa acaaaccttc aggaggcgga 120
ctccacctaa ttccatttgg ataagacgtg atctcttcca tgagacgaag aataaccatc 180

aaggctccat cgctctatcc aaactattca ttaagaaatg aacctgctat actacaccat 240

tggctgctaa ccaattttta ttaaaaa 267

<210> 25525

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700906039H1

<400> 25525

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tttcccctgg taggattggg gctc 264

<210> 25526

<211> 81

<212> DNA

<213> Glycine max

<223> Clone ID: 700906040H1

<400> 25526

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cgtcatttcc acacaacata c 81

<210> 25527

<211> 267

<212> DNA

<213> Glycine max

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accatttccg ctctaatttc caagagcaaa ccctaattccg ctctctctgt atgatactag 120

atttcccctc ctcaaaggcg tagttttgtg tggatttgta aattcattcg gtagtttagg 180

ttagaatttt tgtgtcaagt ttttaggggt ttgaatcggg gagatgaatc acaacaacag 240
 caacaacaat agagcgaggt accctcc 267

<210> 25528
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 <213> Glycine max
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 aagaactttg atgatgatga tgatgatgat gatgatgtgg agatggcact ccccatagc 180
 cagatctctg aatcaagatc tgccactgtt tcttccccca ttggccaaac taccocgctt 240
 cacattcaca acattattga ggaaca 266

<210> 25529
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 <213> Glycine max
 <223> Clone ID: 700906043H1
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 ccctgatcca attctctcct tgggggagga acaggatcag agctgtggaa gcagctgctg 180
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 tgggtgttgtt ggagctgcta tgccag 266

<210> 25530
 <211> 268
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906044H1
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 aagatcacc c tgggtggggat gaggtcctgt tgtcttccac agggaaagat gcaaccaatg 180
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 gagacattga tacatcaacc atccccag 268

<210> 25531
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906045H1
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<210> 25532
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906046H1
 <400> 25532

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 gggcttcata ccgtttggag taggtgtgcg gacatgcac ggacaaaacc tggcgctgct 180
 acaaacaaaa ctgcgccttg caatcatact ccagcgtttt actttctgct tggcccctac 240
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<210> 25533
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906047H1
 <400> 25533

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 taccaagact ttgaaataac atgggggtggt gaccgtgccca aaatctatga aaatgggaaat 180
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 ttgtccggaa a 251

<210> 25534
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700906050H1

<400> 25534

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 gcccggtctt tcatagatct ggtgcgtaga ggctcagatc tacgggtaccg aggtacaaca 180
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<210> 25535
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 <213> Glycine max

<223> Clone ID: 700906051H1

<400> 25535

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 agagattcga agatggatgg aagagccggt gggtgctatc cgattggaaa aggagtgaag 180
 gaaaagcggg taccttcaag cacacagcag gaaaatggtc tggggatcct gatgacaaag 240
 gtcttcagac atataatgac gccaa 265

<210> 25536
 <211> 263

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700906052H1
 <400> 25536
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 ttttctgcac tttagagaga ctaccagaca tggctggcag taaccaggtc aatctcaatg 180
 aatctaggag tgttggtccg ttaaatacat ggggtgcttat ttccaatttc aagctgtctt 240
 acaagcttct cagacgtgac gat 263

<210> 25537
 <211> 262
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700906054H1
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 cgtaccggcg gccacttcgc tctctcttct ttctcatcgg aatttgcta acgcaaggat 180
 tcagaacact gatatgagac ttgaatcggg aacttgcaat gtgtgctcag ctccttgttc 240
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<210> 25538
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 <212> DNA
 <213> Glycine max
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 ggtcaaagaa gtccaatctt aaggcagaga gagttaatta cacggctgaa ttcataattg 180
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<210> 25545
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 <212> DNA
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 <223> Clone ID: 700905994H1

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 catattttct tccacctttt tccatctttg caaaggggat aaagggttgc tagttgctac 120
 catttatggt tttattccgc catttgaagg aaccttatgc tcttaaaaca aataaaaccc 180
 aaagggttct cttgaaaaac accagaactt tcataatac aaaacacgtg ttgccaaaa 239

<210> 25546
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 <213> Glycine max

 <223> Clone ID: 700905995H1

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 ttgtgtgaca aggtcttttg cttccttctc atgagaaatg caaatggga tctgagattt 180
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<210> 25547
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 <213> Glycine max

 <223> Clone ID: 700905996H1

 <400> 25547

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 tgtacgagaa ggagcgtcta gacgcggact gaagctggtg ggggattacg ggctgc 176

<210> 25548
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<212> DNA
 <213> Glycine max
 <223> Clone ID: 700906002H1
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 ccgctcattc 190

<210> 25549
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 <213> Glycine max
 <223> Clone ID: 700906003H1
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<210> 25550
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 <212> DNA
 <213> Glycine max
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 cagtcacag cctcctattg cctttattaa aactgaagtt agaggccttt ttggttctgt 240
 gttctgtgat tttgggcctg agtttactgt tggtt 274